

GAMES

POP QUIZ

What color, logically,
was the balloon
that burst?

Answer, page 64

More New Year's Eve Puzzles, page 22

SURGEON GENERAL'S WARNING: Quitting Smoking
Now Greatly Reduces Serious Risks to Your Health.

Winston America's Best.

Excellence.
The best live up to it.

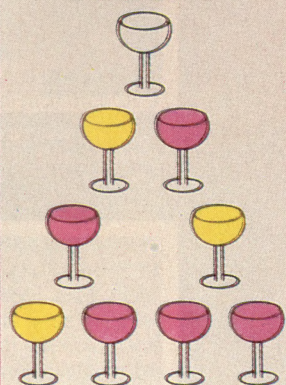


10 mg. "tar", 0.8 mg. nicotine av. per cigarette by FTC method.

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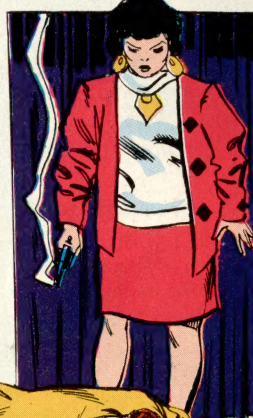


YOU'RE INVITED TO A PARTY

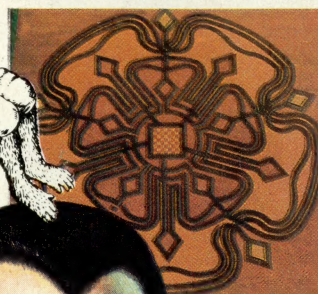


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Smooth Sailing ★

Uphill Climb ★★

Proceed at Your Own Risk ★★★

Mixed Bag ★★

Cover Illustration Bette Levine

The Princess Diana Bride Doll



The magnificent tiara is authentically recreated and includes a real 1/2 point diamond.



The neckline is accented with a dainty taffeta bow and the bodice is adorned with an abundance of hand-sewn sequins and pearl-like beads.



Each earring contains a real 1/2 point diamond.

Shown smaller than actual size of 18" in height.

Bring the beauty of the bride of the century into your home...

The Princess Diana Bride Doll

Beautifully sculptured and individually hand-painted in fine porcelain with an authentic hand-tailored gown of taffeta and embroidered lace

The tiara and earrings each include a real diamond!

The Danbury Mint is proud to present Princess Diana – a bride doll that forever captures the beauty and radiance of a young woman who provided the whole world with a fairy tale come true!

A doll of wonderful romance and incomparable beauty

On July 29, 1981, people everywhere were caught up in the excitement of England's Royal Wedding. And now, this moment of glorious love will be recreated in a magnificent collector doll that is breathtakingly true-to-life, com-



The splendid bouquet is an exact replica of the actual wedding flowers.

plete with Lady Diana's unique personality and glowing vitality.

An unrivaled likeness

No other doll ever before has portrayed Lady Diana's features so vividly, so accurately, or with so much dedication to her individuality and human qualities. The famous style of her blond coiffure, her captivating smile, her special poise and endearing grace – this is the beloved Princess captured in a bridal doll that is so real it is astonishing!

An authentic wedding gown of taffeta and embroidered lace

Our accomplished dress designer authentically recreated Princess Diana's gown in luxurious taffeta and embroidered lace to capture its full magnificence. And each of the sequins and pearl-like beads has been individually sewn on *by hand*.

Princess Diana's tiara and earrings have also been recreated authentically and each contains a real 1/2 point diamond. Even the bouquet she carries is an exact replica of the actual wedding flowers. Indeed, everything about *The Princess Diana Bride Doll* is portrayed as accurately as can be.

Crafted in fine imported porcelain and individually hand-painted

In the same inspired tradition as exquisite collector dolls made a century ago, the head, arms and legs of *The Princess*

Diana Bride Doll are superbly crafted in fine imported bisque porcelain. Her flawless complexion and sculptured facial features are delicately hand-painted to reveal her glowing, bridal radiance.

Collector accessories

Each Princess Diana Bride Doll will be accompanied by a hardwood stand so you can easily display her anywhere in your home. This stand is included at *no additional charge*.

Your doll will also be accompanied by a Certificate of Ownership. This Certificate will be personalized and serially-numbered, thus establishing your doll's place within the edition.

A remarkable value

The Princess Diana Bride Doll is available at an original issue price of \$185, payable in convenient monthly installments. If you wish, you may charge each installment to your VISA or MasterCard.

This is a remarkable price when you consider all of the features included in this doll – an elaborate gown of taffeta and embroidered lace, hand-sewn sequins and beads, a tiara and earrings each with a real diamond, and beauti-



Her flawless complexion and sculptured facial features are delicately hand-painted.



fully sculptured hand-painted porcelain. Much simpler dolls of this size are currently selling for the same price, and dolls of similar complexity are selling for three times as much!

You need send no money now. To reserve your doll, simply return the reservation application. This is a private commission available only from the Danbury Mint.

A thoughtful heirloom

The Princess Diana Bride Doll is authentic, beautiful and represents a particular time in world history. She tells a story of romance, dreams and royalty that will more than pique the curiosity of future generations. What better heirloom can be passed on with love to your daughters and granddaughters. Do mail your reservation today.

RESERVATION APPLICATION

The Princess Diana Bride Doll

N56

The Danbury Mint
47 Richards Avenue
Norwalk, Conn. 06857

Please return by
March 31, 1986.

Please accept my reservation for *The Princess Diana Bride Doll*. I understand the doll will have a beautifully sculptured, hand-painted porcelain head, porcelain arms and legs, and authentic hand-tailored costume. Her tiara and earrings will each include a real diamond. A display stand will be included at no additional charge.

I need send no money now. I will be billed prior to shipment for my deposit of \$37; after shipment, I will be billed for the balance in four equal monthly installments of \$37 each*. If I am not satisfied, I may return my doll within thirty days for a replacement or refund.

*Plus a total of \$5 for shipping and handling.

Name _____
PLEASE PRINT CLEARLY

Address _____

City _____

State _____ Zip _____

☐ Check here if you want each monthly installment charged to your:

☐ VISA ☐ MasterCard

Credit Card No. _____ Expiration Date _____

Signature _____

Allow 8 to 12 weeks after payment for shipment.

YOUR MOVE

Edited by Burt Hochberg

Word Squeeze ★★

Each puzzle below consists of all the letters in a set of related words. The number of words in each set is indicated by the number of blanks. To find each word, start at any letter and move to any other adjacent letter, vertically, horizontally, or diagonally. You may return to a letter one or more times in a single word, but you may not "stand" on a letter to repeat it. In the example, the four related words are the compass directions NORTH, SOUTH, EAST, and WEST.

Ex.	W E	<u>NORTH EAST</u>	<u>SOUTH WEST</u>
	A S U		
	N O T		
	R H		
1.	P S	_____	_____
	A E R W	_____	_____
	M U T I	_____	_____
	S M N G	_____	_____
2.	T A N	_____	_____
	W H E	_____	_____
	Y O R	_____	_____
3.	W F	_____	_____
	H T A I	_____	_____
	E R	_____	_____
4.	B H F U	_____	_____
	S A M L R	_____	_____
	P P Y Z G	_____	_____
	D O E S L	_____	_____
	C N E	_____	_____
5.	T W U F	_____	_____
	H R O N I	_____	_____
	G Z E V	_____	_____
	X I S E	_____	_____
6.	S G B	_____	_____
	T H I N E	_____	_____
	O O K W E	_____	_____
	R P A Q U	_____	_____
7.	T K D	_____	_____
	U S R L O	_____	_____
	E A I W	_____	_____
	N V P	_____	_____

Pete Niemeyer
Littleton, CO

Indian Givers ★

Many of our state names are derived from languages spoken by the original inhabitants of this country, the Indians. Listed below is the Indian name for each of 10 geographical regions, the language each name is in, and its translation. Can you identify the state each of these regions eventually became? Try saying the Indian words a few times, varying your pronunciation and emphasis. In some cases, the translation itself provides a clue.

1. *Ayuhwa* (Dakota): "sleepy ones"
2. *Quinnetikq-ut* (Mohican): "at the big tidal river"
3. *M'cheuwomink* (Lenape): "on the great plain"
4. *Wishkonsing* (Ojibwa): "place of the beaver"
5. *Alakshak* (Aleut): "peninsula"
6. *Mesikami* (Fox): "large lake"
7. *Alba ayumule* (Choctaw): "I make a clearing"
8. *Kenta* (Iroquois): "level"
9. *Tanasi* (Cherokee): the name of a village
10. *Techas* (Caddo): "allies"

Bill Lemley
Eureka, CA

Take Notes ★★

Each answer word in this puzzle is composed of the syllables representing the notes of the musical scale—DO, RE, MI, FA, SO (or SOL), LA, and TI. For example, the clue "Chicago orchestra conductor" would be answered SOLTI. The same syllable may appear more than once in a word, and the order of syllables is not necessarily the one given above. Can you and the following clues make beautiful music together?

1. Carroll bird
2. Meter matter
3. Get a new hair style
4. Kind of eyes
5. Puccini heroine
6. Stop working
7. Texas city
8. Deep mud
9. Upholstered seat
10. Run out of gas

Ed Stein
Mamaroneck, NY

Answer Drawer, page 58

Your Move is a column of original puzzles and other material submitted by readers. We pay \$15 and up for each item we publish. We reserve the right to revise puzzles and edit manuscripts for clarity. None can be returned unless accompanied by a stamped, self-addressed envelope.

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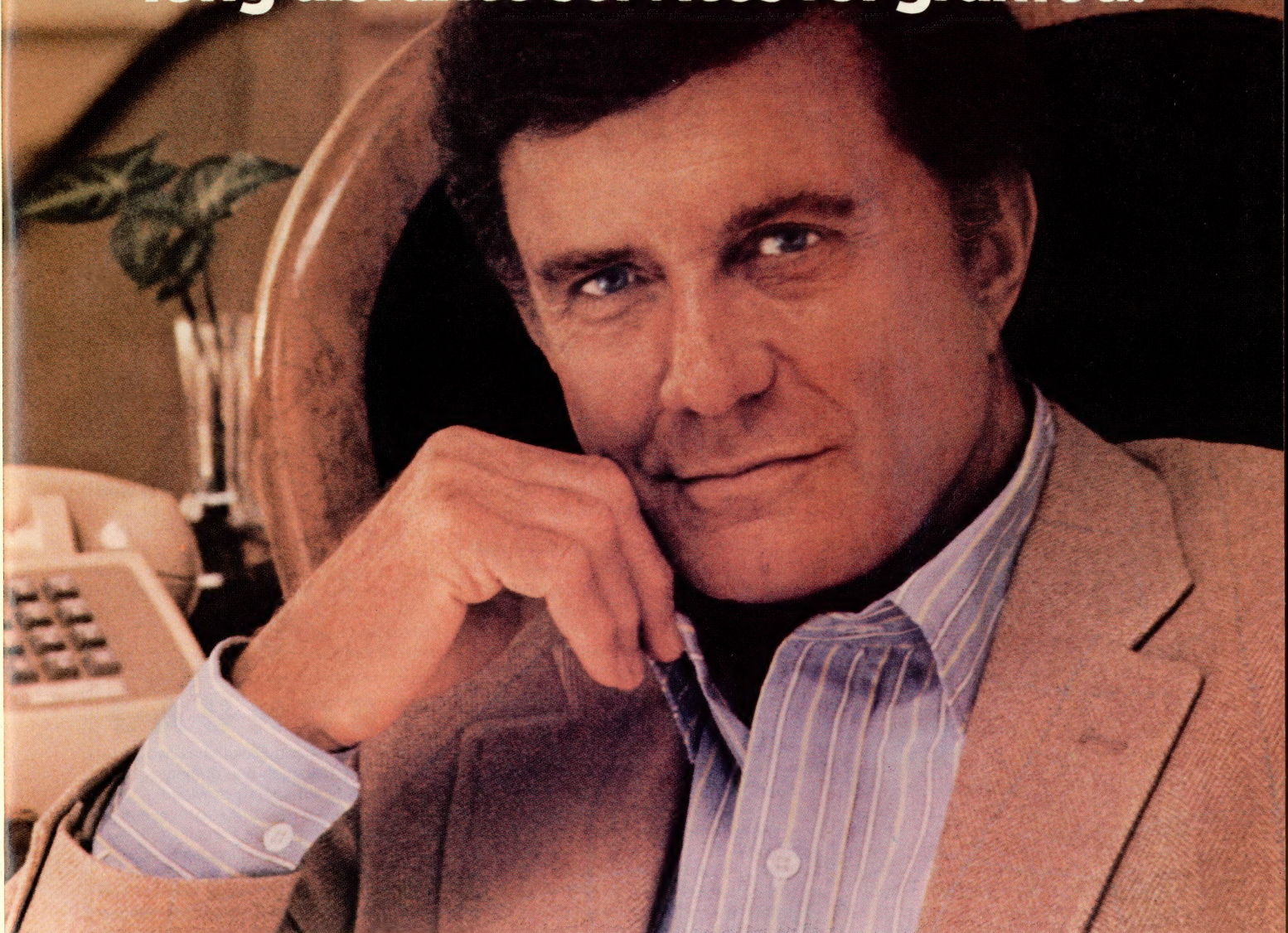
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LETTERS

Envelope of the Month



Jeff Beeching
Altamont Springs, FL

Talking From Experience

In "Turkey Shoot," (November, page 18), keen-eyed readers had to determine what was wrong with the Thanksgiving scene shown. One answer was that the wallpaper was slightly different over the right window (the alternating pattern of vertical stripes had been changed). However, being a paperhanger by trade, I noticed one other flaw: The wallpaper between the two windows is hung upside-down! Notice the flower pots.

Kathy McFall
Oklahoma City, OK

Being a police officer and always thinking of security, I found one major "absurdity" in "Turkey Shoot"—there are no locks on either window.

Mark Garman
Manassas, VA

Ham and X

I was vexed and perplexed by the pix on page fifty-six ("In Unknown Territory," November). What lummox could fail to infix in his cerebral cortex the six or 10 (the radix of the decimal system) on the Westclox? Was it likewise a hoax not to affix to your answers the retroflex stance of the dancers, the unisex styles, the chateaux on the hill, or the helix form pouring from the can of wax? In addition, *Joy of Sex* has an index, an appendix, and, no doubt, a climax.

Ex-cuse my unorthodox syntax. I can be a bit of a chatterbox.

XXX,
Davix Krainex
Durham NC

See this month's *Eureka*, page 64, for a few extra examples—Ed.

It's a Rough World

Martin Gardner states in "It's a Small World" (Wild Cards, October, page 55) that if the earth were reduced to the size of a billiard ball, the mountain peaks and ocean basins would be so small that the planet would feel "as smooth as ivory."

Not so. Using a device that records surface texture, I measured the surface of a standard 2 1/4-inch billiard ball and found a surface roughness of 120 microinches (a

microinch is one-millionth of an inch). This is very smooth, considering that, if this billiard ball were the size of the earth, 7,927 miles in diameter, the highest ridge would be only 2,232 feet.

However, Mount Everest is 13 times this height; at 29,028 feet, it would register as a bump of 1,560 microinches. The Marianas Trench, at 36,198 feet, would be a valley 1,950 microinches deep. At that magnitude, one can definitely see and feel the surface features.

D. C. Hiding
New Philadelphia, OH

The surface Mr. Hiding describes is similar to the skin of an orange.—Ed.

The Home Versions

"House Rules," the column on how some players change the rules of popular board games in order to vary or improve the play (August, page 54) brought this Monopoly variation to mind:

Problem: Most games are decided by the luck of who lands on what properties.

Solution: All properties are bought at auction. When a property is landed on, all players bid on it, and it goes to the highest bidder. But the player who landed on it gets to bid first, and subsequent bids must increase in increments of at least \$5.

R. W. Voigt
Fort Davis, TX

Here's my Monopoly "house rule":

Problem: Sometimes no one completes a monopoly and thus can't start building. If only one player can do so, he has a great advantage.

Solution: Allow a player to build on a three-set monopoly if he owns any two of its properties, and on a two-set monopoly if he owns either property. Building costs are unchanged, but rents on an incomplete monopoly are cut in half. If the player later completes the set, the full rents are collected on the built-up properties from then on; but no buildings may be added to the built-up properties until the newly acquired property is developed to the same level, as required by the rules.

Brian Astle
Cranbury, NJ

This variation helps cut down play time of Trivial Pursuit:

Problem: Players who miss a question while on a category headquarters often wait a long time for another opportunity to earn that category's scoring wedge.

Solution: A player who has answered incorrectly while on a category headquarters does receive the appropriate scoring wedge, but keeps it out of his wheel until he answers a question correctly in that category, anywhere on the board.

Susan Feinberg
Bargaintown, NJ

Son of Fractured Flicks

Changing one letter in a movie title really *does* make a difference! My family had so much fun deciphering the illustrations in "Fractured Flicks" (November, page 28), that we were inspired to come up with a few of our own. Can your readers figure out what movie titles, with one letter changed, these pictures stand for?

Tom Green
Youngstown, OH



1. _____

Answer Drawer, page 58

One of the "Fractured Flicks" has two possible answers (although one of them doesn't quite fit the spaces provided). Number 2 showed a box of chocolates and was to be answered "The French Confection." However, after counting the chocolates, I was sure the answer was "Sixteen Candies!"

Howard M. Singer
Marlboro, NJ

Keep Off the Grass

In looking through *The Games* 100 in your November issue, I was appalled to find that you recommended a card game called "Grass" (page 42). Your description indicated that it concerns the peddling of marijuana.

In light of all the publicity relating to the health of our nation and our children, and the fact that parents are doing their best to convince and teach their children that marijuana and other drugs can be injurious to their health, I felt that this recommendation was in poor taste.

Joyce Friedman
Yonkers, NY

Our recommendation was based solely on the game's excellent play value, and was not intended as an endorsement of smoking marijuana (any more than a wargame review would mean an endorsement of war). Nothing in "Grass" advocates the use of marijuana; in fact, the game was invented by a retired policeman.—Ed.

Minds Gone "Blank"

I enjoyed the puzzle "Blanks and Blanks" (October, page 29) in which familiar phrases in the form of "blank and blank" were completed with their common letters ("___ I S" and "___ A T" would be filled in with T H to form THIS and THAT). Being a cliché-ridden person, I couldn't help thinking of the following:

___ R and A B ___
 ___ L ___ and
 ___ B U L ___ T I O N ___

Richard A. Schutz
 Philadelphia, PA

How about these?

___ A ___ and W ___
 ___ I V ___ and ___ T
 Meredith Williams
 Potomac, MD

R I ___ and ___ H I N ___
 ___ C K and ___ L L

Mark Joseph
 Reseda, CA
Answer Drawer, page 58

Self-Examination

I wonder if Doug and Janis Heller, the authors of "What's in a Name?" (November, page 51), realize that there are complete words concealed in their own names: Doug Heller contains DOUGH, and Janis Heller, SHELL.

Rosalie Moscovitch
 Montreal, Quebec

LAUNDRY

If a reader finds a significant error of fact or a mistake that affects the play of a game, and we agree the slip needs to be laundered, we'll print the first or best letter and send the writer a GAMES T-shirt.

Mistakes: November

★ There were two challenges in "Framework" (Beguilers, page 20). The intended one was to find the three matching pairs of box frames (5 and 13, 7 and 14, 10 and 16). The unintended one was to figure out why the Answer Drawer was different. It seems the puzzle was printed upside down.

Dick Johnson
 Mahwah, NJ

★ In "Sniglets, A to Z" (Wild Cards, page 65), where invented words were matched with their definitions, the answer to #10 should have been e, not d.

Susette Brown
 Richland, PA

October

★ In your article about Ringling Bros. and Barnum & Bailey's Clown College (page 14), you consistently misspelled the name of Jim Vogelgesang. I attended Clown College with Jim in 1978 and still see him whenever the circus comes to town.

Larry Saylor
 Cary, IL

EVENTS

If you plan to attend any of these events, write or call to check entry fees, dates, sites, eligibility, etc. Include a stamped, self-addressed envelope with your request. If you know of other events suitable for this column, write to Events, c/o GAMES.

Foosball There'll be fast table-top soccer action and a total of \$2,000 in prize money at Cactus Jack's arcade, in Oklahoma City, January 24-27, for the Foosball Classic Tournament. A double elimination system will be used. The fee is \$10 per player. Contact: Tournament Time, Box 83392, Oklahoma City, OK 73148, or call (405) 632-2097.

Jump Rope Speed events will have both children and adults jumping for joy and prizes at the 26th Annual World Rope Jump Contest, January 25, in Bloomer, Wisconsin. A Grand Championship trophy goes to the contestant with the most jumps in 10 seconds. Out-of-towners are welcome. Contact: Cathy Morning, 2504 Duncan Rd., Bloomer, WI 54724, or call (715) 568-5218.

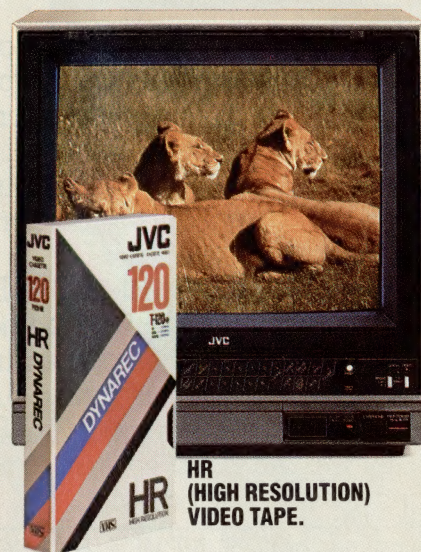
Map Dash Hearth-side travelers can gear up for the 23rd Annual St. Valentine's Day Massacre. Clues and the Rand McNally Road Atlas will be supplied December 31 through February 14 for this indoor journey from San Francisco to New York. Completed entries are due by the end of February. Cash prizes go to the most accurate travelers. Contact: The Massacre, Box 53, La Canada, CA 91011.

Scottish Highland Games Clans and fans will gather at the Orlando Scottish Highland Games, January 25, in Orlando, Florida, as spectators or participants in Scottish field events, piping and dancing competitions, and other interclan challenges. A festive ball will be held in the evening. Contact: Orlando Scottish Highland Games, C. Wally Hughson, Chairman, Box 2149, Orlando, FL 32802, or call (305) 644-0516.

Scrabble At the Dallas/Ft. Worth Scrabble Tournament, January 25-26, in Euless, Texas (midway between the twin cities), trophies will be awarded in expert, intermediate, and novice divisions, plus a \$150 first prize in a special "mercenary" category. A fee of \$10 for all divisions (except \$25 mercenary) may be paid at the door. Contact: Darrell Day, 201-A Martha St., Euless, TX 76040, or call (817) 540-4666.

Shovel Sliding Got a shovel? Come to the World Championship Snow Shovel Ridding Contest, in Economy, Pennsylvania, around the end of January (whenever the snow hits), where the brave, the bold, and the cold will race down a 150-foot snow-covered slope aboard their shovels. The first to reach bottom—while still holding onto the shovel—wins. A "modified" division is for those who want to decorate their shovels. Trophies will be awarded in both divisions. Contact: Beaver County Tourist Promotion Agency, RD1, 14th and Church Streets, Ambridge, PA 15003.

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From the editors of TIME-LIFE BOOKS, Solar System will take you on a fascinating journey far beyond the reaches of your imagination. You'll travel from the erupting surface of the sun to the mysterious moons of Saturn. Then out beyond our solar system to where new solar systems are forming.

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Because of the amazing technological breakthroughs of the last two decades, you'll actually witness sights that couldn't even be dreamed of in Halley's time. Full of exclusive color photographs and specially commissioned art, Solar System will show you many sights you've never seen before, as well as the

incredible birth and probable death of our own planet.

Plus you'll learn fascinating facts such as what happens when a comet goes astray and hits the Earth head-on—you already may have heard of the comet that devastated Siberia in 1908.

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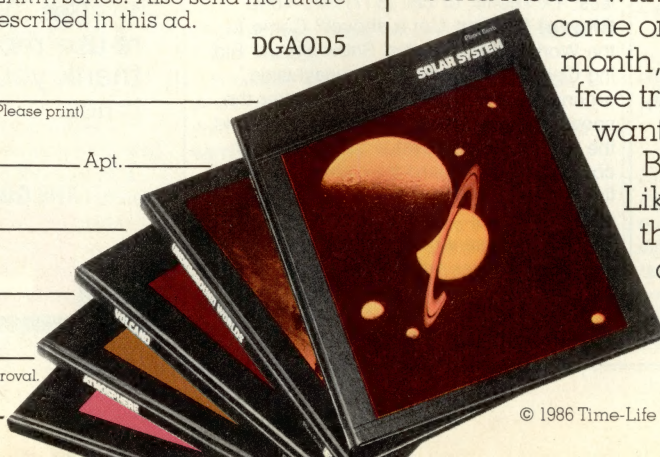
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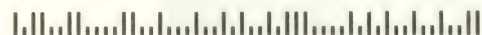
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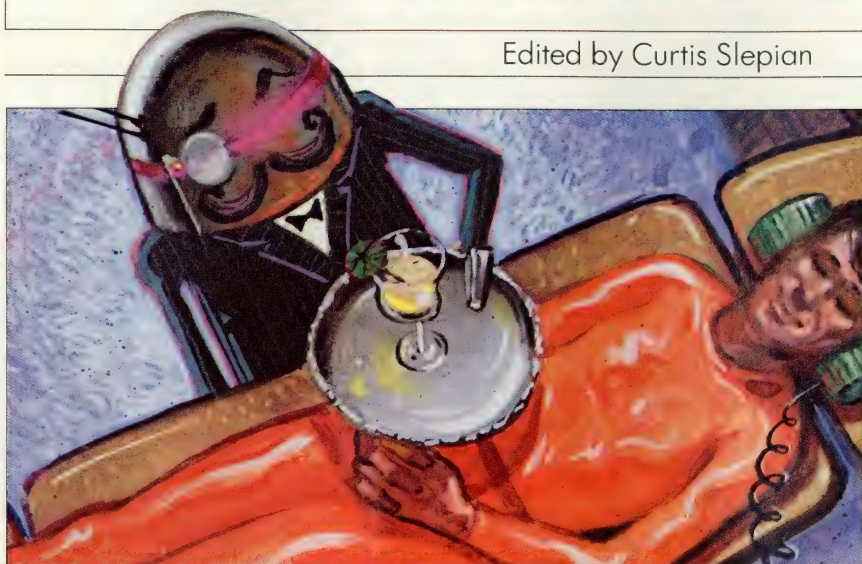
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PLANET EARTH



G A M E B I T S

Edited by Curtis Slepian



JAMES STAGGS

Up and Coming

At the start of each new year, it seems, prognosticators from Isaac Asimov to Jeane Dixon come forth with forecasts for the future. And so do the folks at the World Future Society, a Washington, DC, group that studies "how social and technological developments are shaping the future."

From their "Outlook '86" report, here are a few predictions for the next century that hit us where we live.

Robots "Robots . . . will take over many tasks in factories and begin moving into stores, restaurants, and homes. People will have to learn to use robots, just as they [did] computers. . . . Robots won't look like robots in the future. In fact, they don't look like robots (mechanical men) even now. The robots will assume a wide variety of shapes to suit their tasks. For instance, flying robots will have wings and resemble airplanes; robot planes are already being developed for such tasks as crop-dusting. Some robots will be huge buildings designed to perform factory or warehouse functions." Robots that can "see" will be safe to use in factories, because "human workers may wear blue-jeans with a bar-code telling the robot: 'Keep your distance.'"

Clothing "Clothes will be custom-made in minutes . . . thanks to heat molding and ultrasonic bonding. Fabric will be shaped around three-dimensional molds and heated so that it

retains human contours. A video camera will scan a customer's body and tell a computer the shape, style, color, and design . . ."

Comforts of Home "Butlers and other servants will reappear in future homes—but they will be computers and robots rather than humans. One computer system already available speaks with a polite British accent, draws temperature-controlled water for one's bath, mixes cocktails, and waters the lawn."

Entertainment "The most popular computer of the 21st century may be a high-fidelity 'realicorder.' This device would be capable of capturing and storing the sights, sounds, and other elements of a vacation or some other memorable situation for replaying later. . . . The realicorder would allow us to walk along different streets and experience different sights and sounds on every playback."

We like the sound of it. Imagine sending a robot-clone to work in your place, then lounging around the house in ultrasonically bonded clothing and being waited on by an electronic butler while grooving to the realicorder playing the whole experience of a Caribbean vacation, complete with piña coladas and sunburn. We might be tempted never to leave home—were it not for one more World Future Society prediction: "The biggest growth industry of the 21st century may be space tourism. A week's vacation in a space station or a honeymoon on the moon may become commonplace."

—Nicole Gregory

Hair Piece

Terry Niedzialek's sculptures are not only eye-opening, they're positively hair-raising. That's because her medium is human hair, which she intertwines with wire, painted styrofoam shapes, found objects, concrete, or twigs to create little environments right on top of her models' heads. Making sly digs at mankind's follies via follies, she renders highways, factories, bridges, and other heady examples of urban and industrial artifacts.

Building these hair sculptures, which appear at gallery openings, parties, and special events, takes up to five hours. And they often require such dressings as colored hairspray, clay, Tenax fixative gel, and occasionally even more elaborate adornments. In one creation, Niedzialek wired a head of hair with the innards of an operating radio; in another, she balanced a tiny working TV monitor on a model's head. The artist says she called in her "chiropractor consultant" on the latter project to help figure out what part of the head would best take the weight.

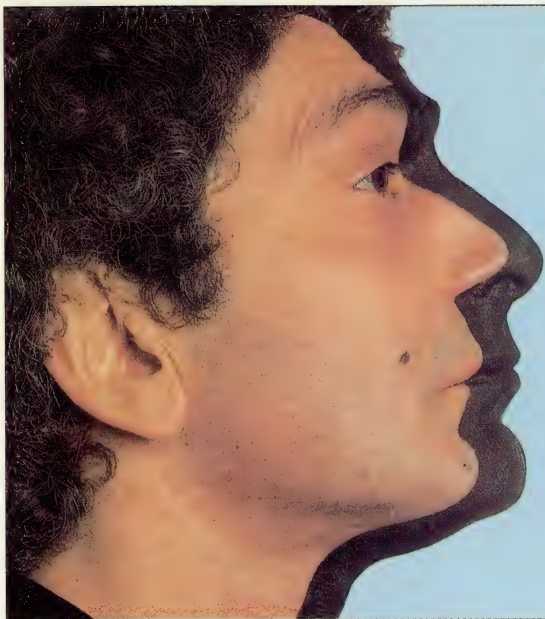
A trained haircutter, the New York artist still cuts hair as a sideline. Obviously, Niedzialek is something of a creative dynamo. When she recently made a self-portrait, it was as a deer with antlers. "That was one part of me. I could as honestly have put a power plant on my head."

—Cynthia Nadelman

Niedzialek's dos are doozies.



LOUIS VITALE

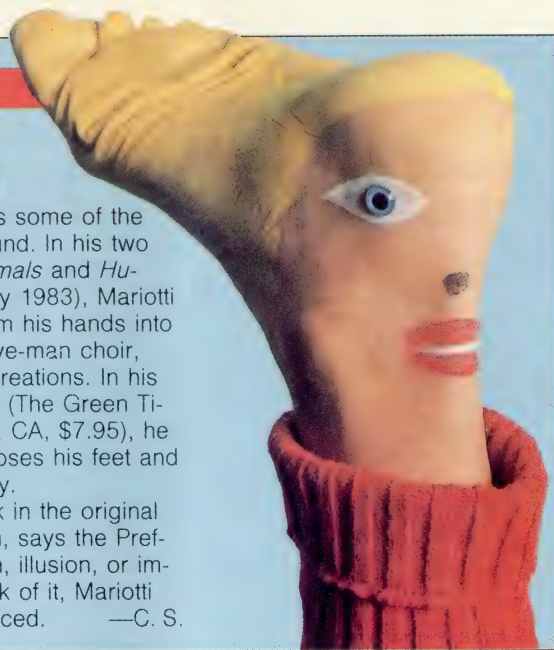


A Features Presentation

Mario Mariotti displays some of the fanciest footwork around. In his two previous books, *Hanimals* and *Humands* (Gamebits, July 1983), Mariotti used paint to transform his hands into roosters, giraffes, a five-man choir, and other whimsical creations. In his latest book, *Humages* (The Green Tiger Press, San Diego, CA, \$7.95), he magically metamorphoses his feet and other parts of his body.

The title of the book in the original Italian is *Iganni*, which, says the Preface, means deception, illusion, or imposture. Come to think of it, Mariotti *does* look a bit two-faced.

—C. S.



Frisco Frolics

Trust San Franciscans to know how to make a good thing even better. The fourth annual San Francisco Fair and Exposition, held last September, was no ordinary celebration of urban and rural skills. Although many events had the flavor of a typical county fair, the main attractions were such offbeat features as the traditional Impossible Parking Space Race, the Landlord/Tenant Tug-of-War, and the Fog Calling contest (Gamebits, October 1984). New competitions this year included The Muni Motion, The San Francisco Joke-Off, and KNBR's Great License Plate Caper.

The Muni is the city's not-altogether-reliable transportation system. For the Muni Motion contestants were asked to create brief dance pieces that interpreted the experiences of Muni bus passengers. Performing within an area approximately a bus aisle in width, the winner, who calls himself Noey, was a mime who artfully conveyed being squeezed, jostled, and crushed in a crowded bus. For at least one day, however, the mime will miss the Muni: His prize was a picnic to which he would be driven in a Rolls Royce.

In the Joke-Off contest, 10 would-be comedians each delivered a joke up to three minutes in length. The catch was, the punch line had to be "No, silly, that's the Transamerica Pyramid!"—a reference to the skyscraper that dominates the city's skyline.

The winning joke was Milinda Moore's long, long anecdote about a friend's international amours. First prize was an illustrated version of the

joke, drawn by Phil Frank, a syndicated Bay Area cartoonist. But the joke was so long that Frank was seen shaking his head, wondering how to fit it into five panels. The second-place joke, a quick two-liner, was set up by "Is that Mayor Feinstein's new hair-do?" Well, you had to be there.

The Great License Plate Caper seemed to support the contention in Ecclesiastes that all is vanity . . . vanity license plates, that is. In this contest, people sent photos of their personalized license plates to KNBR, a local radio station, which judged them for humor and difficulty in deciphering.

Submissions ranged from profes-

sions (URB PLNR, SHRINX, 2TH FERY) and come-ons (HOT 2MA2, U WANA KS, ICUQT) to car-model puns (U CAD U, CLASICAT on a jaguar, HRSARND on a Mustang) and pet preferences (LUV RK9S, ILROFYL, or ailurophile—cat lover).

But the three winners really took some literary license:

2 PCLEE (submitted by a urologist named Lee), WECITOI (from an employee of Bausch & Lomb), and Z1KCSW1 (from an engineer). The last is from a structural engineering formula that deals with earthquakes. What could be more appropriate for a city that prides itself on its movers and shakers?

—Andrea Carla Michaels

Mis-Quotes of the Year

Nineteen eight-five may not have been a vintage year in most respects, but it did produce its share of good quotes. Like this one from Madonna, "Bruce Springsteen was born to run; I was born to flirt." Below are eight actual

quotes overheard and reported by the media in 1985. We've cut off each speaker in mid-sentence, and have completed their thoughts with the second part of someone else's quote. Can you match each speaker's opening line (1-8) with the correct finish (a-h)?

—S. M.

Answer Drawer, page 61

- | | |
|--|---|
| 1. George Steinbrenner: "I like my horses better because . . ." | a. . . . I have stage fright." |
| 2. Kareem Abdul-Jabbar: "It's nice being . . ." | b. . . . God making the grass purple." |
| 3. Leontyne Price: "It's thrilling to be asked why I am retiring . . ." | c. . . . me." |
| 4. Lee Iacocca: "Consensus is when we have a discussion. Then . . ." | d. . . . they can't talk to sportswriters." |
| 5. An angry consumer: "Changing Coke is like . . ." | e. . . . the parts nobody reads." |
| 6. Fidel Castro: "Let me tell you something that people may not believe . . ." | f. . . . I decide." |
| 7. Cyndi Lauper: "I think we all need a break from . . ." | g. . . . interviewed by tall people." |
| 8. Elmore Leonard, author of <i>Glitz</i> : "I try to leave out . . ." | h. . . . rather than why not." |

Elementals

The ancient alchemists attributed strange powers to the Four Elements, which were believed to be earth, air, fire, and water. This experiment is designed to test the powers of these mystical elements. All you need in order to participate are a pencil, a piece of scrap paper, and this copy of GAMES.

Turn to any page of this magazine at random. Write down the numbers of the left- and right-hand pages you turned to. (If numbers do not appear on either or both of the pages, figure out the numbers from the preceding or following pages.) Add the two numbers together to form your *first total*.

Now open the magazine to a different location, also chosen at random. Write down those two page numbers, and

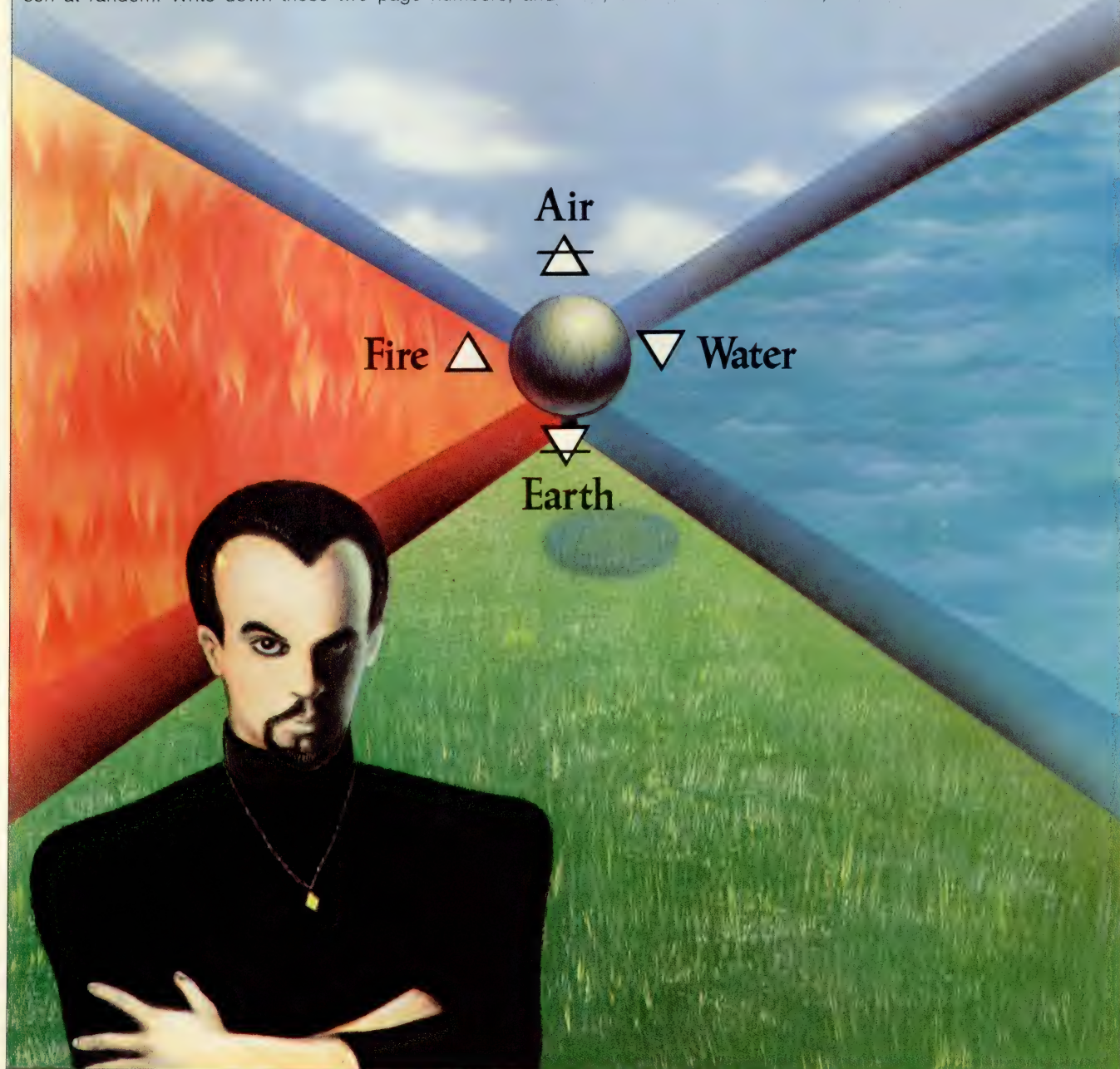
add them together to form your *second total*.

You now have two different totals. Subtract the smaller from the larger. The result will be your *Mystic Number*.

I will now apply your Mystic Number to the Element Chart below. Put your finger on the AIR symbol, and say "one." Move to the right, on to the WATER symbol, and say "two." Continue moving around clockwise, counting from symbol to symbol, until you reach your mystic number.

Remember which element you landed on last. Concentrate on that element . . . chant aloud if you wish . . . then find my prediction in the Answer Drawer, page 61.

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MAZES

THE INS AND OUTS OF THE LABYRINTH BUSINESS

BY MINOTAUR

by Fran Severn

So you've decided what the backyard needs: a maze. But designing one is a convoluted task. Where do you turn?

To Minotaur Designs, the world's only professional landscape maze makers. In the last 10 years, Englishmen Adrian Fisher, Randoll Coate, and Graham Burgess have constructed a dozen walk-through mazes in Britain and Europe for private landowners, public parks, and amusement centers.

The company takes its name from the mythical beast that devoured victims lost in the labyrinth at Crete. But the hedge and brickwork mazes of Minotaur Designs are far less intimidating, built only to entertain and enlighten.

In the process, the group adds fresh twists to the ancient art. For example, look at their Beatles maze, built for the 1984 International Garden Festival in the Fab Four's home city of Liverpool. At the center of the 100-foot maze sat an 18-ton yellow submarine. (The submarine is all that remains—the rest was demolished when the festival ended.)

To reach the ship, visitors followed a winding brick path across the surface of a pool of water. The sinuous



The Bath maze (above), built in the Beazer Gardens, provides a mini-history lesson. Its elliptical outline echoes the city's Georgian architecture. The maze itself has seven rings of paths, which lead to the central mosaic (left). At the center of that is an image of Medusa found in the city's Roman baths. Six other mosaics, each incorporating a simple maze into its design, also relate to Bath's past.



path seemed at first to be shaped like an apple, trademark of the Beatles' Apple Corps label. A second look and the path became a pair of ears. Near the center of the maze, visitors had to leave the path to walk on stepping stones in the shape of musical notes.

Equally novel is the Lappa Valley Railway Maze, in Cornwall, which is shaped like a locomotive of the early 19th-century—but eight times as large. Hedges within the maze form a flywheel and interacting cogs. To solve it, walkers must follow the correct sequence of power through the engine, from the pistons to the connecting rod to the driving wheel, through the meshing cogs, around the

flywheel, and finally to the small driving cog at the engine's center.

More personal is the garden maze at the home of Alan Scott in the Cotswold Hills. "Scott said he wanted to leave his mark on the land," says Randall Coate. "We took him literally, so the maze is in the shape of a giant foot. Actually, it's a composite. We traced the left foot of each member of the family and merged them."

"Imprint," as the maze is called, was planned for the Scott children and so is filled with the shapes of birds, rabbits, frogs, foxes, snakes, and other creatures, hidden in the layout of



the hedges (see the diagram on page 18). For balance, Minotaur added symbols of man, including the alphabet, the elements, the planets, and the signs of the zodiac.

Thrown in for extra measure are allusions to Minoan myths, which are put into each of Minotaur's mazes, no matter what the theme. "The Minoans were the creators of the labyrinth, after all," says Coate.

The men of Minotaur are in the forefront of a small boom in mazes, an art form that faltered in the early part of this century. In the last 20 years, though, interest in this elaborate form of landscaping has heightened. Last year 11 new mazes in



Britain alone were opened to the public—six of them Minotaur creations. Britain now boasts 69 mazes, 54 of which are open to the public. One of these, at the Braemore Countryside Museum in Hampshire, is the winner of a 1984 maze design contest—judged by Minotaur—that attracted 500 entries.

Why the resurgence? "It's a reflection of the times," says Adrian Fisher. "People have more leisure time and more money. They want to spend both of them on something unusual, valuable, and tangible. A maze meets all the requirements."

Coate sees mazes as a picture of our world, resembling the contours of cities, highways, fingerprints, even the coils of the brain. "A maze reflects the complexity but brings it down to manageable proportions. What else is a microchip but a maze in miniature?"

The mini-craze for mazes also has another, more mundane cause. Britain is dotted with the estates of landed gentry who, having fallen on hard times, now charge tourists admission to view their ancestral homes. Some owners boost attendance by building safari parks and theme museums. Others choose mazes, paying from \$7,000 for a small garden maze to more than \$35,000 for the largest hedge mazes. According to Fisher, the mazes pay for themselves within a year.

Fisher and Coate, the founders of Minotaur, were introduced by a mutual friend in 1979. They are an unlikely pair. Fisher is tall, dark-haired, and lanky, an energetic entrepreneur in his mid-30s. Coate is a small, quiet, white-haired man with the refined manner of a retired diplomat—which he is. What they share is a passion for mazes, which each had pursued alone before joining forces.

Coate's expertise is in plotting the

The courtyard of Kentwell Hall, a Tudor manor house in Suffolk, blossomed in 1984 with the addition of the "Tudor Rose" maze (above and below).

"Originally, we just wanted to pave the courtyard," says owner Patrick Phillips, "but we wanted to do so extravagantly." More than 25,000 bricks were used to create the 70-foot bloom, which symbolizes the Tudor War of the Roses. Solvers must follow one color of bricks to weave through the petals before reaching the center. Despite the lack of barriers, most of the 40,000 people who visit each year generally stick to the paths, according to Phillips.



master design of a maze. He is a trained artist who thinks of maze-making as a return to his earliest interests. "As a small boy, I tried to see how many lines I could get onto paper without any of them crossing."

His designs have progressed far beyond those simple swirls. A product of traditional British education, Coate drops classical references as casually as most people talk about this season's TV shows. That learning is reflected in his designs, which are filled with hidden figures, symbols, charac-

(Continued on page 18)

Announcing

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KNIGHT

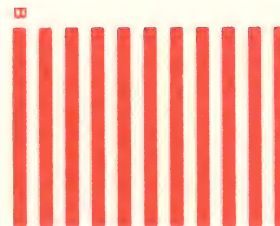
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Limit: One complete set per subscriber. Please enter your subscription by January 31, 1986.

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243

A MAZE WITH SOLE

Not only did the owner of the Imprint maze have to foot a hefty bill for the project, he had to wait several years before it could grow to its full height. But for his time and money, he got a maze *and* a menagerie: Hidden among the numerous bends and curves of "Imprint" are the outlines of more than 10 animals. Although nearly impossible to recognize at eye-level, the animals can be spotted in an overhead view of the maze's design (right).

Below, various portions of the maze reveal six different animals: a squirrel, a rabbit, a dog, a frog, a bird, and a pig. Can you find where each of them is placed in the maze?

Answer Drawer, page 63



(Continued from page 15)

ters, and scenes from history, mythology, and the Bible.

None of Minotaur's mazes is totally abstract. "A story is vital," explains Fisher. "Without a story behind the maze, no one will come to see it."

But transferring a design to three dimensions can be a challenge. "On paper, some lines take you in a circle," says Coate. "That doesn't matter when you're tracing a path with your finger. But when you're walking a maze, you can't keep walking in a circle. But then again, if you move one



A magical mystery tour was provided by Liverpool's now demolished Beatles' maze (above). Built on a pool of water, the brick pathways appeared as waves breaking against the bow of the Yellow Submarine. Visitors who reached the sub and climbed to its conning tower could see that the shape of the maze resembled both the Beatles' Apple logo and a large pair of listening ears.

line to eliminate the circle, you lose the whole effect of the symbols."

That's where Fisher steps in—to help solve the mathematical aspects of the puzzle. "Each design has a different geometry," Fisher explains. "Once that's solved, the design solves itself. By manipulating the junctions, you can take one area of the maze and double the time it takes to complete it,

ANDERS BLAD





The Magnetic Maze, in Thorpe Park, Surrey, was constructed on a site that already contained scale models of London's Telecom tower, St. Louis's Arch, and Toronto's Canadian National Tower. The maze paths represent the magnetic fields between the three models, as plotted by Minotaur on a blueprint of the site. Overlapping the magnetic lines are concentric rings, which give the maze the junctions needed to make it a puzzle.

or triple it, or halve it."

Fisher has developed a computer program that estimates the time it will take to traverse a maze, based on its area and number of junctions. But formulas alone won't make it work. "When finished," says Fisher, "the final flavor of the maze should combine geometry and rhythm."

Not to mention the appropriate greenery. Before any hedge is finished, Guy Burgess is called in. A thin, bearded landscape designer with a serious demeanor, Burgess joined Minotaur in 1983, when the others realized they needed an expert on horticulture.

His biggest challenge so far is the 192-foot-long maze at Floors Castle in Roxburgh, Scotland, which won't

open to the public until 1988. The complex design of the maze delineates the Castle's history. "The history of the Dukes of Roxburgh has all the elements of a chess game," explains Fisher, "so we used chess as the overall theme." The hedge is planted in green beech, but specific symbols—chess pieces, the skyline of the castle, the Duke's and Duchess's coat of arms—are traced in red beech.

The most important historical event to occur at the castle is also commemorated. In 1460 James II of Scotland used the country's first cannon to bombard Roxburgh during a siege. During the assault, the cannon exploded, and the hedge shows the cannon balls and hot metal flying in all directions.

Hedge mazes take as long as five to eight years to grow, and demand constant pruning and attention to retain their shape. That's a drawback for investors needing a quick return on their money, so most of Minotaur's commissions are for brickwork mazes. These offer fewer stylistic constraints, and can be ready for visitors as soon as the last stone is laid.

Their latest brick maze, built in Bath in 1984, reflects the city's Roman and Georgian influences. The maze is a symmetrical ellipse featuring a quarter-mile of stone paths winding through a 70' x 90' area beside the Avon River.

Built in Sweden in 1979, "Creation" is a holy terror for solvers. Hedges within this egg-shape maze bring to mind Adam and Eve plucking the forbidden fruit. Men and women start at different entrances and can meet only at Adam's rib. From there they work together to reach "Paradise," the yolk of the egg, at the center. Running vertically through the center of the egg is the Tree of Knowledge, with a serpent wrapped around its trunk.

There are two ways to solve it. Go straight ahead at each intersection, and you'll walk over every pathway once. Or take a shorter route, paradoxically, by turning away from the center at every intersection. Either way will take you to the center, a 15-foot wide mosaic made by Coate from 92,000 pieces of Italian marble. Symbols in the mosaic refer to Bath's ancient history; the outline of the maze reflects Georgian style, while the paths themselves form a pattern in Roman design.

With such extravagant attention paid to the style and theme of Minotaur's creations, it isn't surprising that Fisher believes "mazes are more an art form than a puzzle. With a maze you are trying to capture the spirit of a place. If we can create a spot where people can lose time and space, then we've succeeded."

Certainly, there's little doubt that Minotaur will continue to succeed as a business. With admirable foresight, Britain has already declared 1991 to be the "The Year of the Maze," ensuring the continued growth of this art form. "A maze is something you build for a celebration," says Fisher. "And there are so many opportunities for celebration."

Fran Severn, a frequent contributor to GAMES, is a freelance writer who lives in England.

DIFFERENT PATHS

For labyrinth-lovers who can't spare the acreage for a full-scale version, Minotaur Designs offers some alternatives.

Tapestry kits enable you to needle-point your way through mazes. The kit (\$36.00 postpaid) comes with instructions, wool, needles, and canvas showing the design in detail. Choose from six mazes, including Bath and Tudor Rose.

The Tudor Rose maze is also available as a four-foot-square batik. The circular pattern makes it attractive for use as a tablecloth; or hang it in front of a window for a "stained glass" look (\$56.00 postpaid).

More expensive, but guaranteed to set your house apart, is a pair of wrought-iron gates with mazes incorporated in the design. The gates, five feet high and three feet wide, cost around \$1,100.00 each.

If you prefer simply to read about labyrinths, there's "A Celebration of Mazes," a 72-page illustrated booklet describing Minotaur's oeuvre, as well as the history of mazes (\$7.50 postpaid).

All orders and inquiries should be sent to Minotaur Designs, P.O. Box 18935, Tampa, FL 33679. Allow 4-6 weeks for delivery.



THE YEAR

WHAT'S WRONG WITH THESE NEWS SCENES FROM 1985?

☆☆

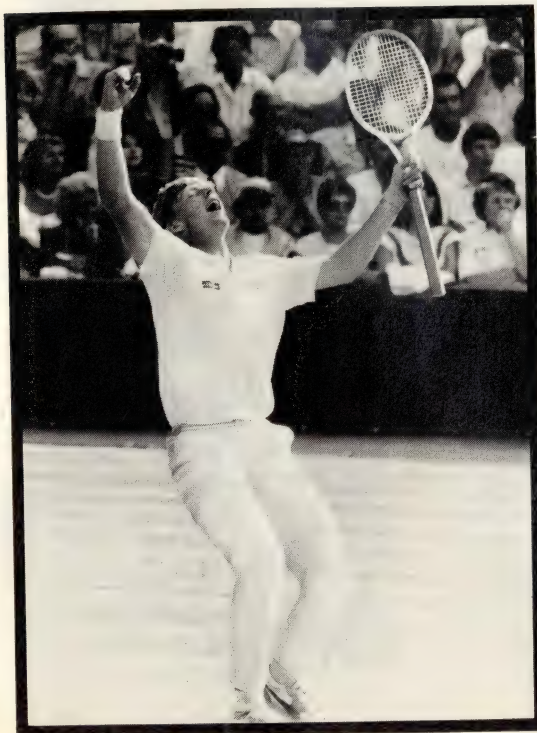
by Robert Leighton

Maybe our memories are getting fuzzy, but somehow we just don't remember 1985 the way everyone else does. The pictures here show eight of the year's events as we recall them. But our newshound friends tell us each photo contains two errors. Help jog our memories and put 1985 back into perspective by spotting all 16 mistakes.

Answer Drawer, page 60



A



D



E

IN REVIEW



B



C



G



F



H

PARTY FAVORS

BEGUILING PUZZLES TO RING IN THE NEW YEAR

by Margot Seides



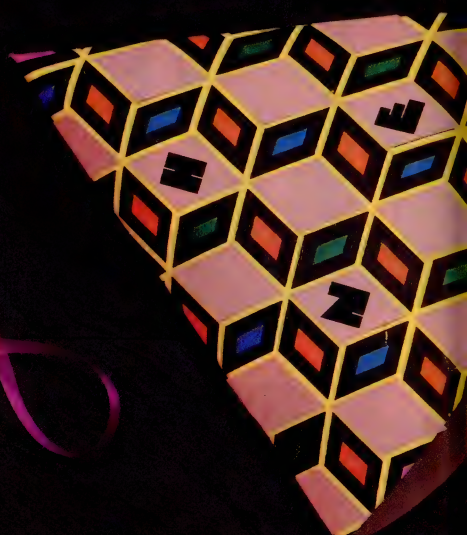
With hours to go before the midnight countdown, here are the perfect party icebreakers. If you get stuck, you'll find their New Year's "resolutions" in the Answer Drawer, page 61.

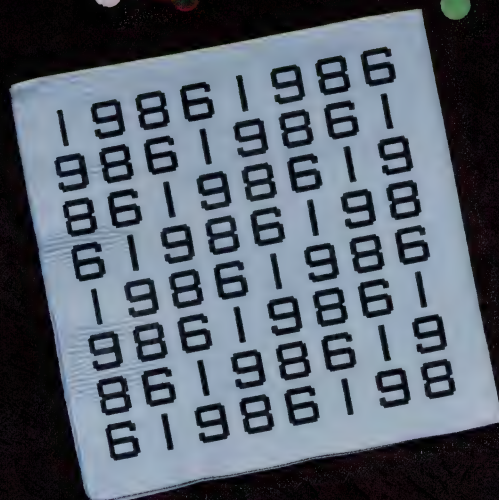
HATS OFF

Can you find a way to arrange the four scattered party hats to form a logical sequence?

TIME'S UP

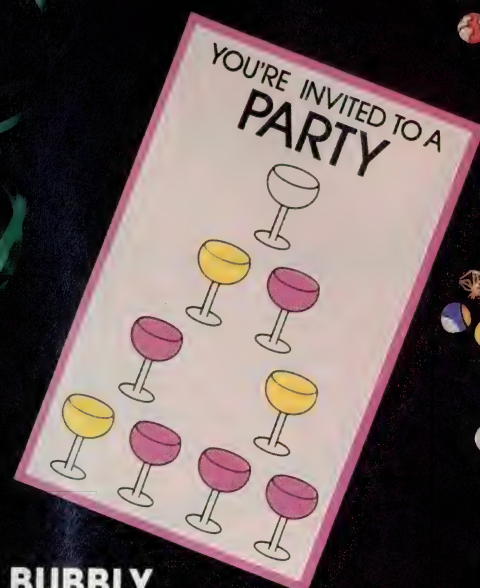
If the unfolded calendar at left were folded into a dodecahedron (like the figure to its left) and placed on a desk so that January were on top, what month would be on the bottom?





ANOTHER YEAR

How many times does 1986 appear in the grid above?



DOUBLE BUBBLY

Above are nine champagne glasses arranged in a triangle to form three rows of four. One glass is empty; the others are full of either pink or gold champagne.

By touching only two of the glasses, can you redistribute the champagne so that all three rows have equal amounts of pink champagne *and* all three rows have equal amounts of gold champagne? (No fair drinking any!)



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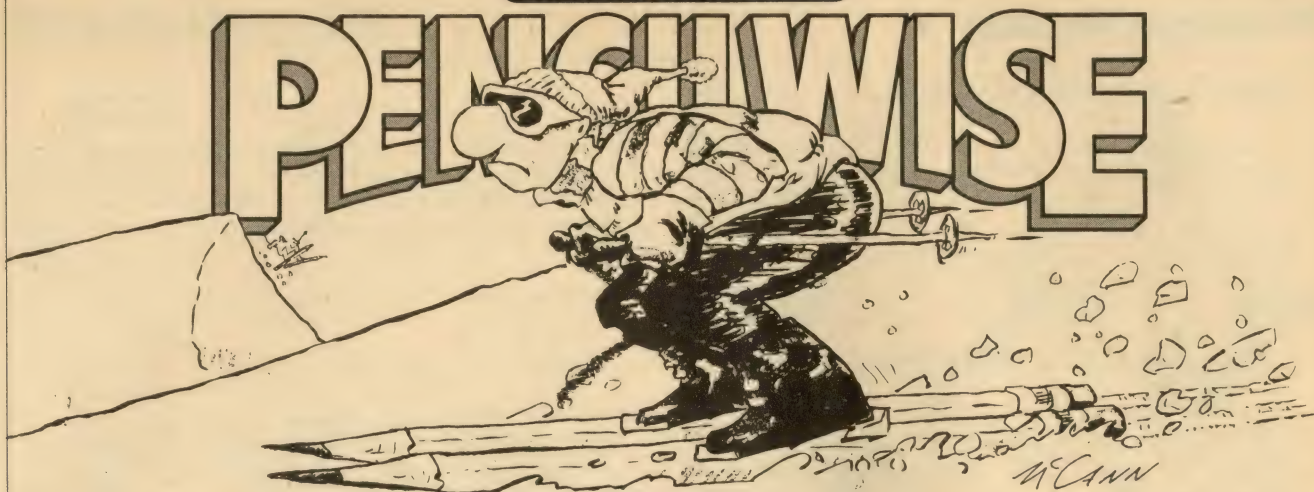
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Marching Bands ★★

by Mike Shenk

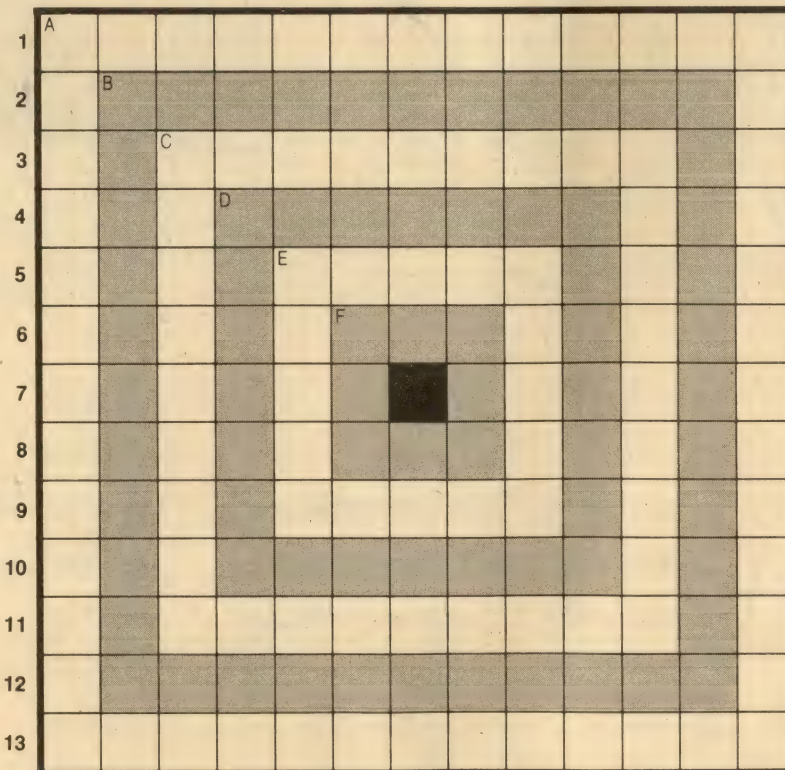
The words in this puzzle march around the grid in two ways. In one formation ("Rows"), words march across—two words for each numbered line, reading consecutively from left to right. The dividing point is for you to determine, except in row 7, where the words are separated by a black square. In the second formation ("Bands"), words march around each of the six shaded and unshaded bands, starting at the lettered squares (A, B, C, D, E, and F) and proceeding in a clockwise direction, one word after another. For example, Band "A,"

when filled, will contain seven consecutive words (a through g) starting in square "A" and reading around the perimeter of the grid. Band "B" will contain a series of five words (a through e) starting in square "B." Again, the dividing point between these answers is for you to determine. All clues are given in order. When the puzzle is completed, each square will have been used once in a Row word and once in a Band word.

Answer Drawer, page 64.

ROWS

- 1 a Shown to be true
b Weight-watching unit
- 2 a Peer
b Soft leather shoe
- 3 a President Cleveland
b Arthur's capital
- 4 a Priest's subordinate
b Arabian queen
- 5 a Whole number
b Book of mass prayers
- 6 a Mob uprisings
b Hides
- 7 a Spade's portrayer
b Feel a thrilling sensation
- 8 a Make a goal
b Layered chalcedony
- 9 a Confederate soldier
b Scholarly people
- 10 a Spotted wildcat
b Burlesques



BANDS

- A a Language of rural France
b Japanese or Chinese
c Male chauvinist, for example
d Tooth layer
e Glue user
f Parish heads
g Goren's game
- B a Sudden feeling of doubt
b From time to time
c Not fully developed
d Black candy
e Word creator
- C a Surmounted
b Trattoria dish
c One speaking from memory
d Call cost, once
e South American capital
- D a Ask advice of
b Misses at the bullfight
c Put up with
- E a Disinfectant, e.g.
b Boat-turning levers
- F a TV set adjustment

- 11 a Meek
b Inclined to silence

- 12 a Spring blooms
b Float in the air

- 13 a Blundered
b Baron or duke

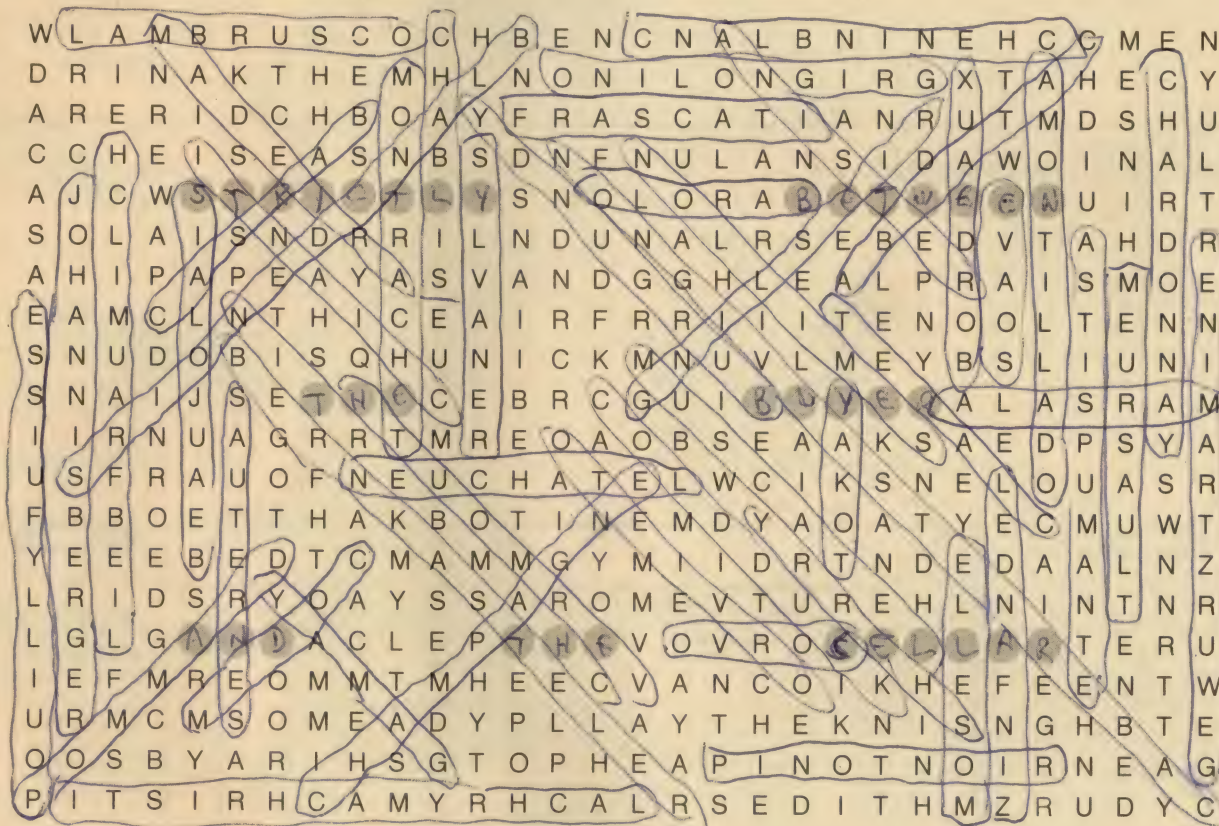
A Word Search with a Punchline

We may have had a bit too much of the grape ourselves when we came up with this word search. To solve, first find within the grid the 50 types of wine listed below. As always, answers may read horizontally, vertically, or diagonally, but only in a straight line. Some answers, however, will pass over

the shaded circles in the grid; in these cases, the letter needed to complete the word should be entered in the appropriate circle. When you're finished, the letters in the circles will spell, from left to right, the conclusion of the sentence above the grid.

Answer Drawer, page 64

The price of a good wine is ...



AMONTILLADO	CATAWBA	FRASCATI	MEDOC	RETSINA
ASTI SPUMANTE	CHABLIS	GAMAY	MEURSAULT	RIESLING
BAROLO	CHAMBERTIN	GEWURZTRAMINER	MONTRACHET	SAUTERNES
BARSAC	CHAMPAGNE	GRIGNOLINO	MOSELLE	SEMILLON
BEAUJOLAIS	CHARDONNAY	JOHANNISBERGER	MUSCATEL	SHERRY
BERNKASTELER	CHENIN BLANC	LACHRYMA CHRISTI	NEUCHATEL	SOAVE
BLANC DE NOIRS	CHIANTI	LAMBRUSCO	ORVIETO	SYLVANER
BORDEAUX	CLARET	LIEBFAUMLICH	PINOT NOIR	TOKAY
BURGUNDY	GOLD DUCK	MADEIRA	POMMARD	VERMOUTH
CABERNET SAUVIGNON	CORVO	MARSALA	POUILLY-FUISSE	ZINFANDEL

Marksmanship ★

by William Lutwiniak

ACROSS

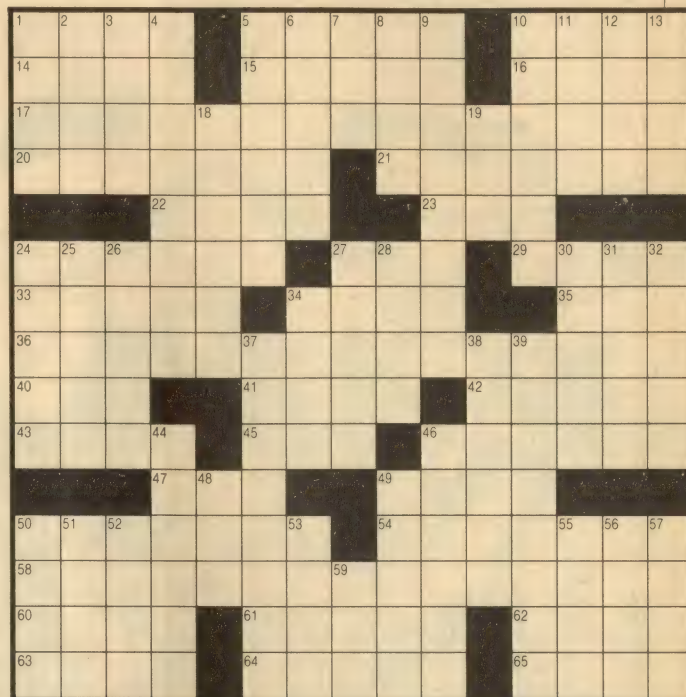
- 1 Fender mishap
- 5 Use a ladder
- 10 "Z ____ zebra":
2 wds.
- 14 Cake decorator
- 15 Miss Richards of tennis
- 16 The moon, in Roman myth
- 17 Carnival attraction:
2 wds.
- 20 Argue
- 21 Says "achoo!"
- 22 License plates
- 23 Singer ____
George
- 24 Writer Gay
- 27 Pioneering TV corp.
- 29 Brothers and sisters, for short
- 33 Dean Martin's "That's ____"
- 34 Become tiring
- 35 ____ process of law
- 36 Is exactly right:
3 wds.
- 40 Cooperstown's Mel

- 41 "____ from Muskogee"
- 42 Relaxed
- 43 Places for pupils
- 45 Cardinal's color
- 46 Kitchen storage
- 47 Golf average
- 49 Magical stick
- 50 Waldorf-____
Hotel
- 54 Winter vehicle
- 58 "Can't miss" distance:
3 wds.
- 60 Went caroling
- 61 Jousting prop
- 62 The Bee ____
(pop group)
- 63 Fencing sword
- 64 Stage direction
- 65 Comedian
Caesar, and others

DOWN

- 1 LP, for example
- 2 "Hello!" "Hello!"
"Hello!" ...
- 3 Advertising sign
- 4 Harness racers
- 5 Shrink in fear
- 6 Gives on credit
- 7 Gerund ending

- 8 Columnist
Greenfield, and others
- 9 Wild pitch
- 10 Bowling lanes
- 11 Egyptian canal
- 12 Concerning:
2 wds.
- 13 Votes against
- 18 Some china:
2 wds.
- 19 Sign before
Virgo
- 24 California/Nevada lake
- 25 Friendship
- 26 Actress Lenya
- 27 Crazy
- 28 Detective's lead
- 30 That is, to Caesar:
2 wds.
- 31 Not a seller
- 32 Run-down
- 34 Fancy dog, for short
- 37 "Hägar the ____"
- 38 Not quite a ringer,
in horseshoes
- 39 Items in a levee
- 44 Kind of rubber or cake
- 46 Green Bay athlete



Answer Drawer, page 60

- 48 Paintings
- 49 Grimace in pain
- 50 Cathedral section
- 51 Afternoon TV show
- 52 Fork prong
- 53 Actor Thicke
- 55 "Dedicated to the ____ Love":
2 wds.
- 56 Getting on in years
- 57 Hardy's ____ of the D'Urbervilles
- 59 Picnic intruder

Double-Takes ★

by N. M. Meyer

Insert the same letter twice into each four-letter word below to complete a common six-letter word. The two added letters always appear together and may go anywhere within the

shorter word. The first answer, PADDLE, has been filled in as an example.

Answer Drawer, page 64

1. PALE PADDLE
2. PREY _____
3. KEEL _____
4. SPED _____
5. TALE _____
6. BOOM _____
7. BEAR _____
8. PAID _____
9. COAL _____
10. SHOE _____

11. FUEL _____
12. FLED _____
13. FOIL _____
14. OURS _____
15. TURN _____
16. FLAY _____
17. MEOW _____
18. WING _____
19. SUIT _____
20. COIN _____

Search Party ★

by Robert Pizzo

This New Year's celebration will leave you seeing double—and then some. Each of the four shapes below (or its mirror

image) is hidden five times in the picture. Can you put on your party—uh, *thinking* cap, and find them all?

Answer Drawer, page 58



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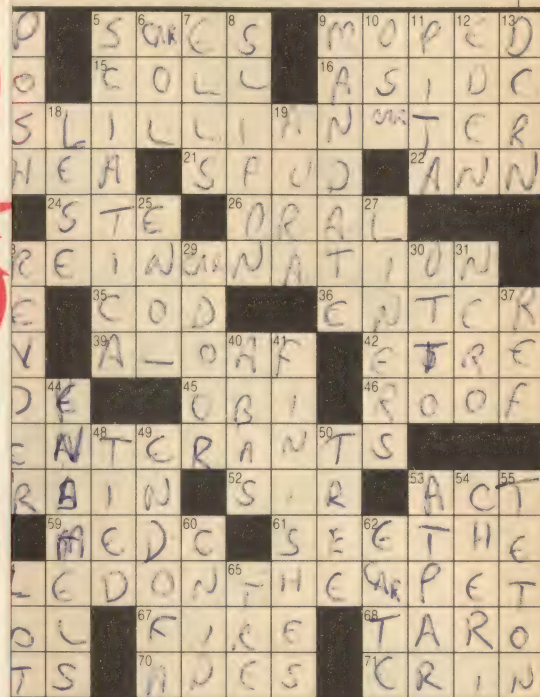
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Answer Drawer, page 60

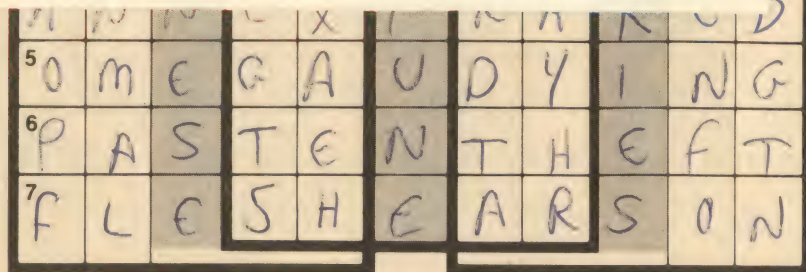
- e: 56 Run one's eyes over
ling 57 Wine bottle
58 Gurgle along
- 60 Oklahoma city
62 Card game for two
64 Chance item
65 Uno + due

by Will Shortz

e in box C. For example, if the clues in the first
s Garbo," "Piece of furniture," and "Exit," you
RE(TA)B(LE)AVE. When the puzzle is done, three
ted words will read down the shaded columns.

Answer Drawer, page 64

- A.** 1 Large parrot
2 Actress Merman
3 Arm-hand joint
4 Building addition
5 Alpha's opposite
6 Imitation gems
7 Skin
- B.** 1 Terrible
2 Run off to get hitched
3 "Turkey in the ____"
4 Newsboy's cry
5 Excessively showy
6 Extra inning
7 Cut, as wool
- C.** 1 Painful sore
2 Garden bloom
3 Roused from slumber
4 Gathered, as leaves
5 Expiring
6 "Grand" larceny
7 Firebug's crime



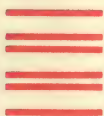
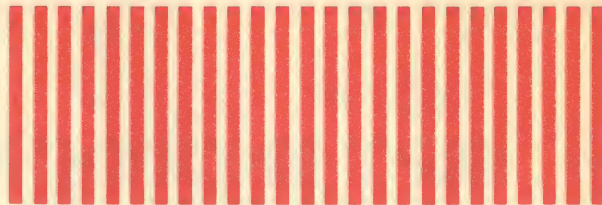
Search Party ★

by Robert Pizzo

This New Year's celebration will leave you surprised and then some. Each of the four shapes below



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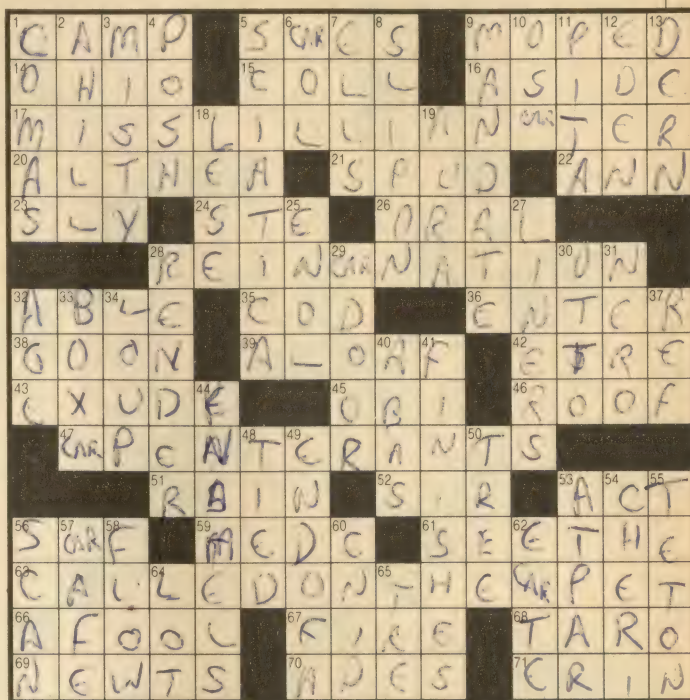
by Lois Sidway

ACROSS

- 1 Word with boot or summer
- 5 Close shaves, usually
- 9 Specialized bike
- 14 Louisville's river
- 15 Inst. of higher learning
- 16 Stage comment
- 17 First Mother of the '70s: 3 wds.
- 20 Wimbledon winner Gibson
- 21 Tater
- 22 Comic actress Sothern
- 23 Crafty
- 24 Sault ____ Marie, Michigan
- 26 Spoken
- 28 Life after life
- 32 Fit
- 35 Letters on a package
- 36 Computer key
- 38 Continue: 2 wds.
- 39 "Half ____ is better ____": 2 wds.
- 42 To be, to Beauvoir
- 43 Ooze
- 45 Kimono accessory
- 46 Urbanite's "tar beach"
- 47 They live in trunks: 2 wds.
- 51 Maugham short story
- 52 Common Camelot title
- 53 Behave
- 56 Neckwear for Snoopy
- 59 Ancient Persian
- 61 Boil
- 63 Reprimanded: 4 wds.
- 66 "____ and his money ____": 2 wds.
- 67 Cannoneer's command
- 68 Poi-maker's plant
- 69 Salamanders
- 70 Citrus drinks
- 71 Ireland
- 8 Don: 2 wds.
- 9 Decree
- 10 Prized statuette
- 11 Trendy bread
- 12 Paradise
- 13 Bruce of *Coming Home*
- 18 ____-majesté
- 19 Atmosphere
- 25 Chemical compound
- 27 The Love Boat and others
- 28 Perform, as a service
- 29 Item held by a chauffeur: 2 wds.
- 30 Director Preminger
- 31 Peter the pianist
- 32 Mature
- 33 Hobo's home, maybe
- 34 ____ garou (werewolf)
- 37 Man in a striped shirt
- 40 Arab garments
- 41 Winds up
- 44 Glossy paints
- 48 Bound
- 49 "This is the ____ beautiful friendship ____": 3 wds.
- 50 Family chart

DOWN

- 1 Deep sleeps
- 2 Not amount to ____ of beans: 2 wds.
- 3 Famed pony of Chincoteague
- 4 Five-star, as accommodations
- 5 Upper leg ailment
- 6 Timely tune
- 7 Building additions



Answer Drawer, page 60

- 53 For face value: 2 wds.
- 54 Danielle's darling
- 55 Grand ____ National Park
- 56 Run one's eyes over
- 57 Wine bottle
- 58 Gurgle along
- 60 Oklahoma city
- 62 Card game for two
- 64 Chance item
- 65 Uno + due

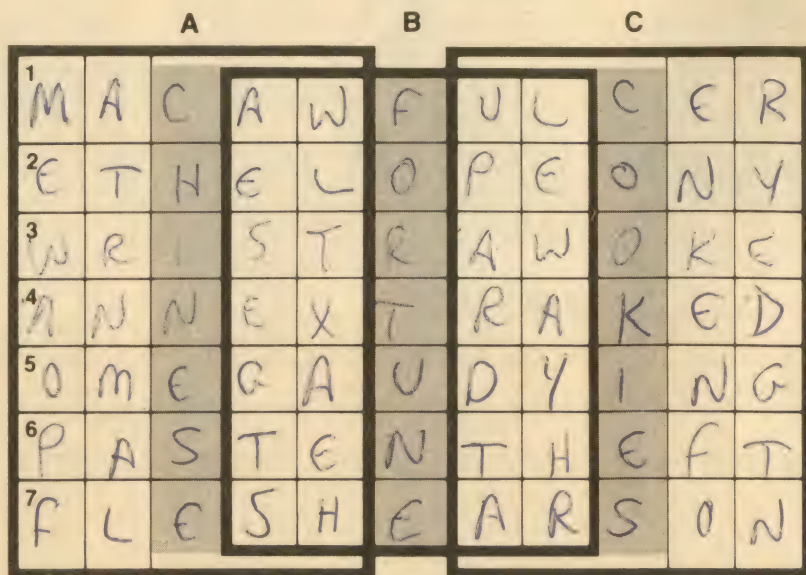
Link Acrostic ★

by Will Shortz

To solve this puzzle, answer the clues for three five-letter words reading across each line. The last two letters of the words in box A are the first two letters of those in box B, and the last two letters of the words in box B are the first two

letters of those in box C. For example, if the clues in the first line were "Miss Garbo," "Piece of furniture," and "Exit," you would fill in GRE(TA)B(LE)AVE. When the puzzle is done, three additional related words will read down the shaded columns.

Answer Drawer, page 64



- A. 1 Large parrot
- 2 Actress Merman
- 3 Arm-hand joint
- 4 Building addition
- 5 Alpha's opposite
- 6 Imitation gems
- 7 Skin
- B. 1 Terrible
- 2 Run off to get hitched
- 3 "Turkey in the ____"
- 4 Newsboy's cry
- 5 Excessively showy
- 6 Extra inning
- 7 Cut, as wool
- C. 1 Painful sore
- 2 Garden bloom
- 3 Roused from slumber
- 4 Gathered, as leaves
- 5 Expiring
- 6 "Grand" larceny
- 7 Firebug's crime

True or False Cryptograms

Below are four amazing facts—three true and one that we've invented—which have been translated into simple code alphabets. Letter substitutions remain constant throughout any

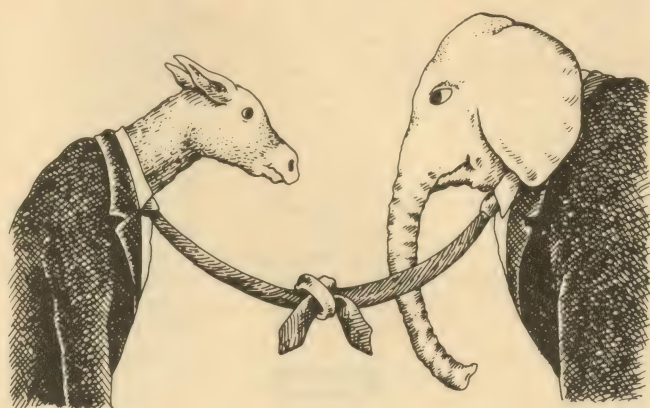
one cipher, but change from one cipher to the next. When you have broken all four codes, see if you can spot the phony fact. An asterisk (*) indicates a proper noun.

Answer Drawer, page 60



1. JUNGLE GYMS

VO IXW TVNPI *IFNDFO
ZKGVW, FQQ KT IXW
ZKOJWLP BWNW YQFLWH AL
TKKIAFQQ YQFLWNP TNKZ
IXW *OWB *KNQWFOP
*FIXQWIVS *SQCA.



2. POLITICAL TIES

UWPABP HPBNYCBKM
*PYJDGPC *AYQDWTN *KYIWK
YN MDB KYKMD JWTNYK WU
*QBXG *Y, MDB BIYQBC
XYKL WU *GQEGKYG.



3. MUSICAL CHAIRMAN

AEK VLZYA JLIILTO-YKILOP
YLOPIK LO *UELOH DHY
"YLOP HITOP DLAE *JHT,"
VKHANZLOP KQAZHUAY VZTJ
AEK BZKJLKZ'Y XNTAHALTOY.



4. SPEAK UP

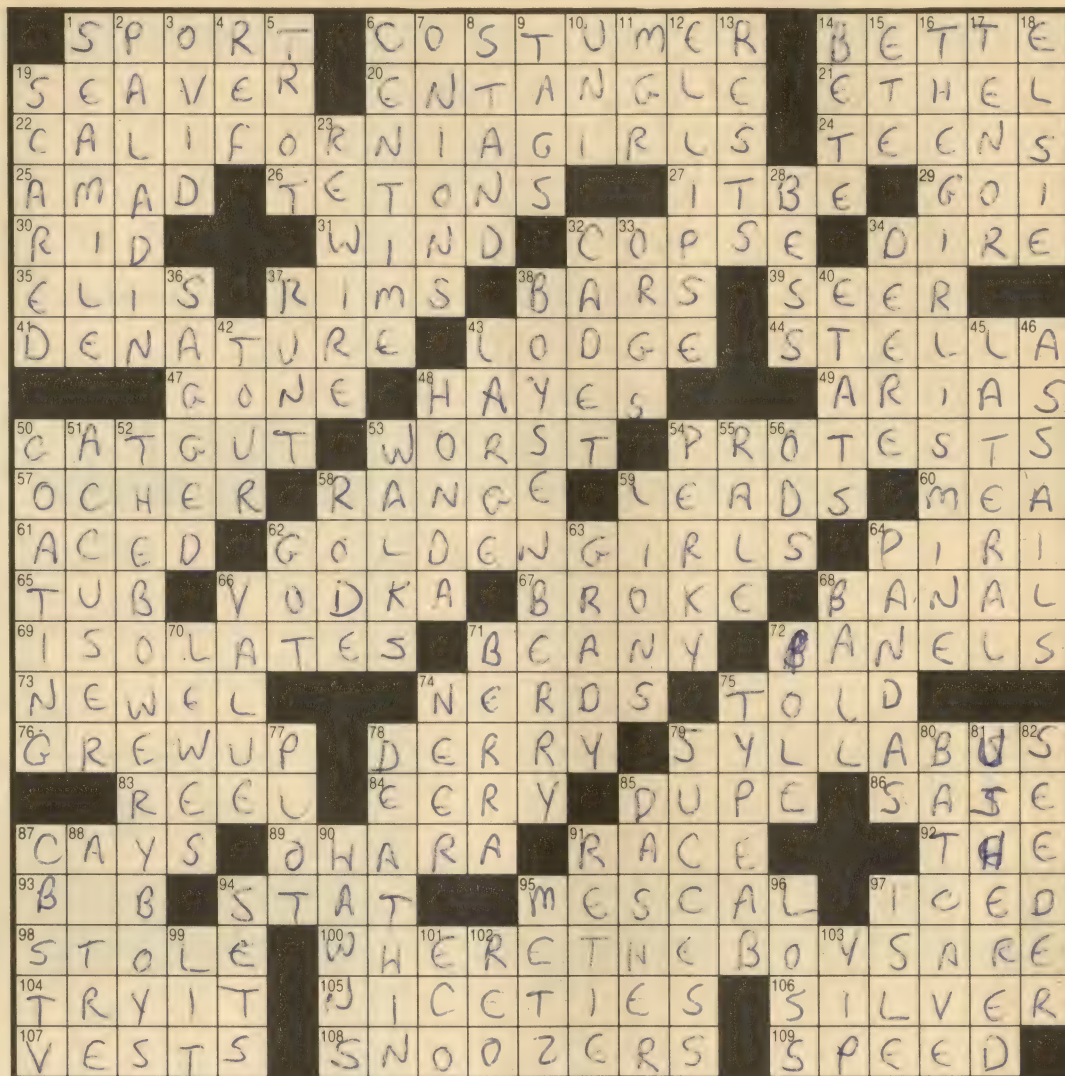
WCGWGPMIOD' OYCD YCO DG
ZXCMOP XFPOC ELMWH,
DWYIR DHMF ELYE ELOR WYF
LOYC GFIR AMEL ELOMC
JGXELD GBOF.

His and Hers ★★★

by Michael Perry

ACROSS

- 1 Hurling or curling
- 6 Wardrobe worker
- 14 Midler, of *The Rose*
- 19 Three-time Cy Young winner
- 20 Tie up
- 21 Lucy's cohort
- 22 1965 Beach Boys classic
- 24 Minority group?
- 25 *Diary of _____ Housewife*
- 26 Wyoming range
- 27 "Let _____" (Beatles hit)
- 29 "... grace of God _____"
- 30 Flush out
- 31 Prattle
- 32 Thicket
- 34 Dreadful
- 35 Crimson rivals
- 37 Misses a putt, in a way
- 38 These require tending
- 39 Oracle
- 41 Make undrinkable, as alcohol
- 43 Après-ski setting
- 44 Brando's *Streetcar* cry
- 47 Vamoosed
- 48 Winner over Tilden
- 49 Met highlights
- 50 Violin string material
- 53 The pits
- 54 Sit-ins, for example
- 57 Autumn color
- 58 Hot spot
- 59 Starring roles
- 60 _____ *culpa*
- 61 Passed with flying colors
- 62 Bea Arthur/Betty White series (with *The*)
- 64 *Down These Mean Streets* author Thomas
- 65 Fatso
- 66 Part of a screwdriver
- 67 Tapped out
- 68 Trite
- 69 Quarantines
- 71 Cecil's pal, on old TV
- 72 Judging groups
- 73 Banister attachment
- 74 Social misfits
- 75 Snitched
- 76 Matured
- 78 Irish city, informally



DOWN

- 79 Matter of course?
- 83 Wind-up of a fishing trip?
- 84 Otherworldly
- 85 Con.
- 86 Enclosure with a ms.
- 87 Coral islands
- 89 Tara family
- 91 Purse pursuit?
- 92 *Café* alternative
- 93 Mac
- 94 Immediately, in hospitaless
- 95 Peyotl source
- 97 Tea type
- 98 Lady's wrap
- 100 1960 teen movie
- 104 Chef's come-on
- 105 Creature comforts
- 106 Olympic medal
- 107 Suitable attire?
- 108 Van Winkle and others
- 109 RPMs

- 1 6,080 feet, once
- 2 *Have Gun Will Travel* hero
- 3 *Ars Amatoria* poet
- 4 Field marshal?
- 5 Student's crib
- 6 Change from a franc
- 7 Tear jerkers?
- 8 Kiosk
- 9 Makes it?
- 10 Prefix with valve or verse
- 11 Baseball boss: Abbr.
- 12 Washington site (with "The")
- 13 Catches some Z's
- 14 _____ *noire*
- 15 *Juin, juillet*, etc.
- 16 1982 Jackson-McCartney chart topper

- 17 Julio Iglesias, e.g.
- 18 Borden's mascot
- 19 Yellow
- 23 Fix, as electrical equipment
- 28 Consumer advocate Myerson
- 32 Officer-to-be
- 33 Assns.
- 34 Plow pioneer John
- 36 Weakened
- 37 Wee one
- 38 Jam flavor
- 40 French divisions
- 42 Sightsee
- 43 Free (with "at")
- 45 Quarterback play
- 46 Blitzes
- 48 Civic organization?
- 50 Film
- 51 Finger pointer

- 52 '40s movie group
- 53 Goes on strike
- 54 In fine fettle
- 55 Respiratory sound
- 56 "_____ bodkins!"
- 58 Nagged
- 59 Civic group
- 62 Understood
- 63 *Sanford and Son* spinoff
- 64 Szechuan natives?
- 66 Prize
- 68 Strike's counterpart
- 70 Delaware resort town
- 71 Hall-of-Fame catcher
- 72 Magnet end
- 74 Poetic negative
- 75 Donor's class?
- 77 Garden

Answer Drawer, page 64

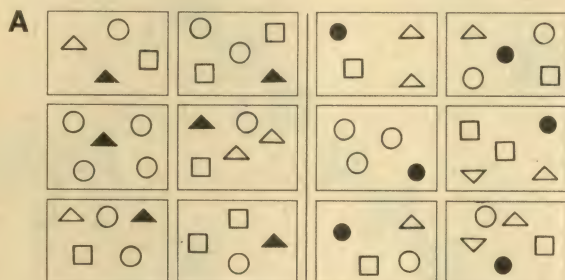
- 78 _____ *Venice* (Thomas Mann classic)
- 79 1977 Michael Korda bestseller
- 80 It's under Wayne Manor
- 81 Led
- 82 Sowing machine
- 85 One of Santa's team
- 87 Dan Rather's employer
- 88 Other, to Henri
- 90 Goldie, and others
- 91 Fix a slipknot?
- 94 Match makers?
- 95 Moselle capital
- 96 Erosion
- 97 Key, perhaps
- 99 On
- 101 Author Umberto
- 102 Model T contemporary
- 103 Pup's bark

Eye-Q Test ★★

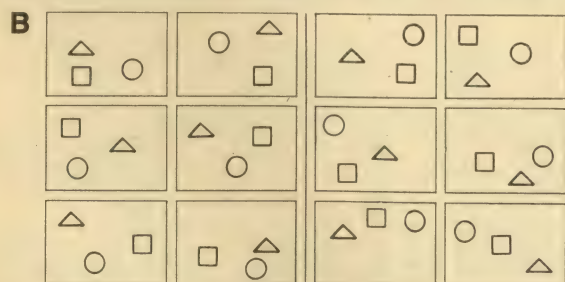
Pattern Recognition Puzzles

The puzzles on these pages were devised about 20 years ago by the Russian scientist M. Bongard for use in artificial intelligence research. Artificial intelligence (AI) is a branch of computer science dealing with programs that not only make decisions according to sets of rules but can modify the rules according to previous decisions—programs, in effect, that “learn,” imitating actual human intelligence. Since the introduction of the Bongard problems, most AI research has been conducted in areas unrelated to pattern recognition, so to date little progress has been made in getting computers to solve these puzzles.

On the other hand, human intelligence has made great strides over the years, and we'd like you to prove it by working the 12 puzzles on these pages. Every problem consists of two sets (left and right) of six each. In each problem, the puzzle lies in finding the common rule that governs all the boxes on the left but none of the boxes on the right. Consider two examples:



In puzzle “A,” as in most Bongard problems, the difficulty arises in separating the relevant information from the irrelevant. Here, it's fairly easy to see that each box on the left contains a black triangle, while each box on the right does not. The white shapes are irrelevant. (In this example, all the boxes on the right also have their own rule—each contains a black circle. Often, though, the right boxes will simply fail to fit the rule of the left boxes without having a rule of their own.)

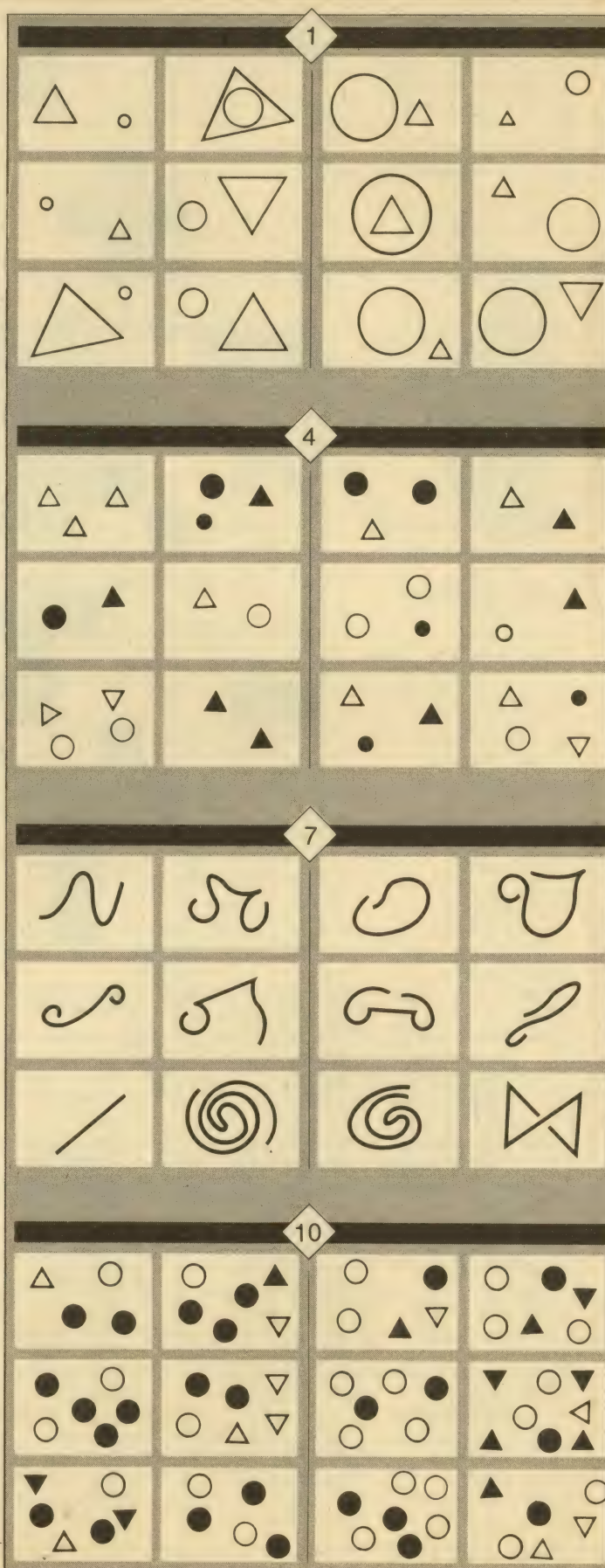


In “B,” the contents of each box, both left and right, appear to be the same—a triangle, a circle, and a square. Since the only difference in each case is the positioning of the three shapes, the answer must lie there. By considering various possibilities, we see that in the boxes on the left, the triangle is always higher than the circle.

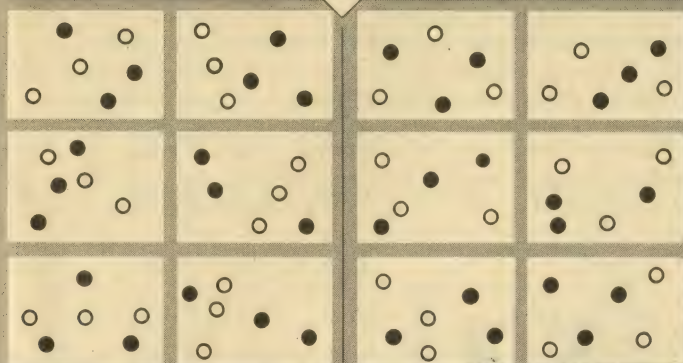
As you try the pattern recognition puzzles on these pages, keep your mind flexible. Consider shapes, shading, numbers of objects, and arrangements. But beware: Sometimes after tackling several tricky Bongard problems, you can be stumped by an easy one—because the answer was so elementary it was overlooked.

—M. S.

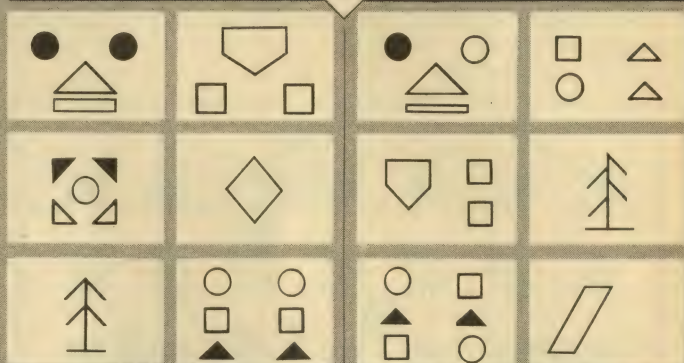
Answer Drawer, page 61



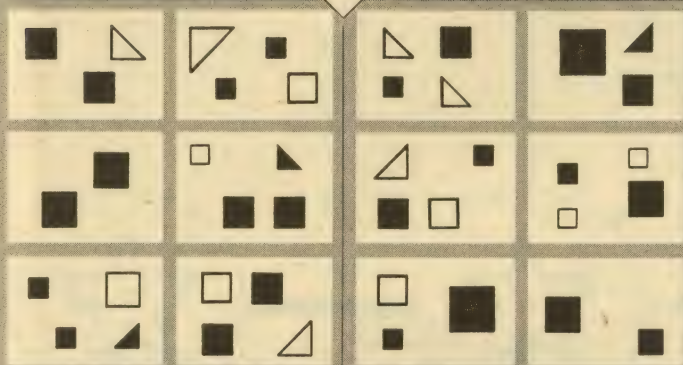
2



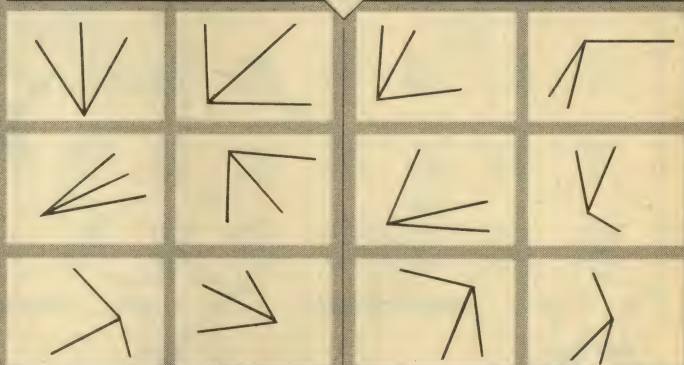
3



5



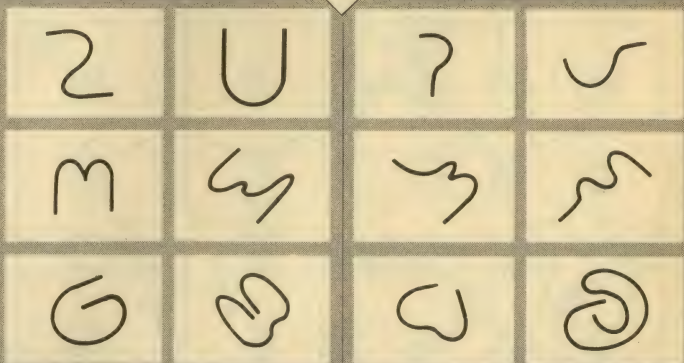
6



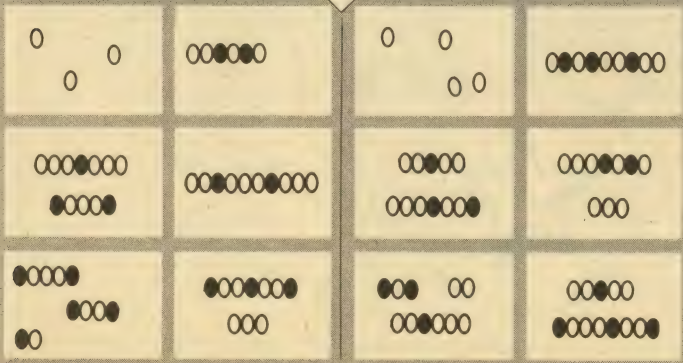
8



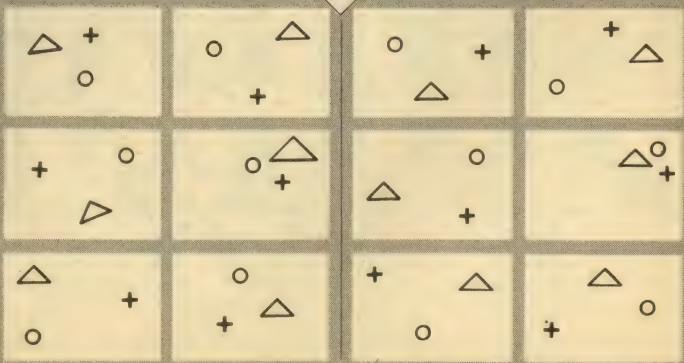
9



11



12



Star Hopping ☆☆

by Thomas Hirsch

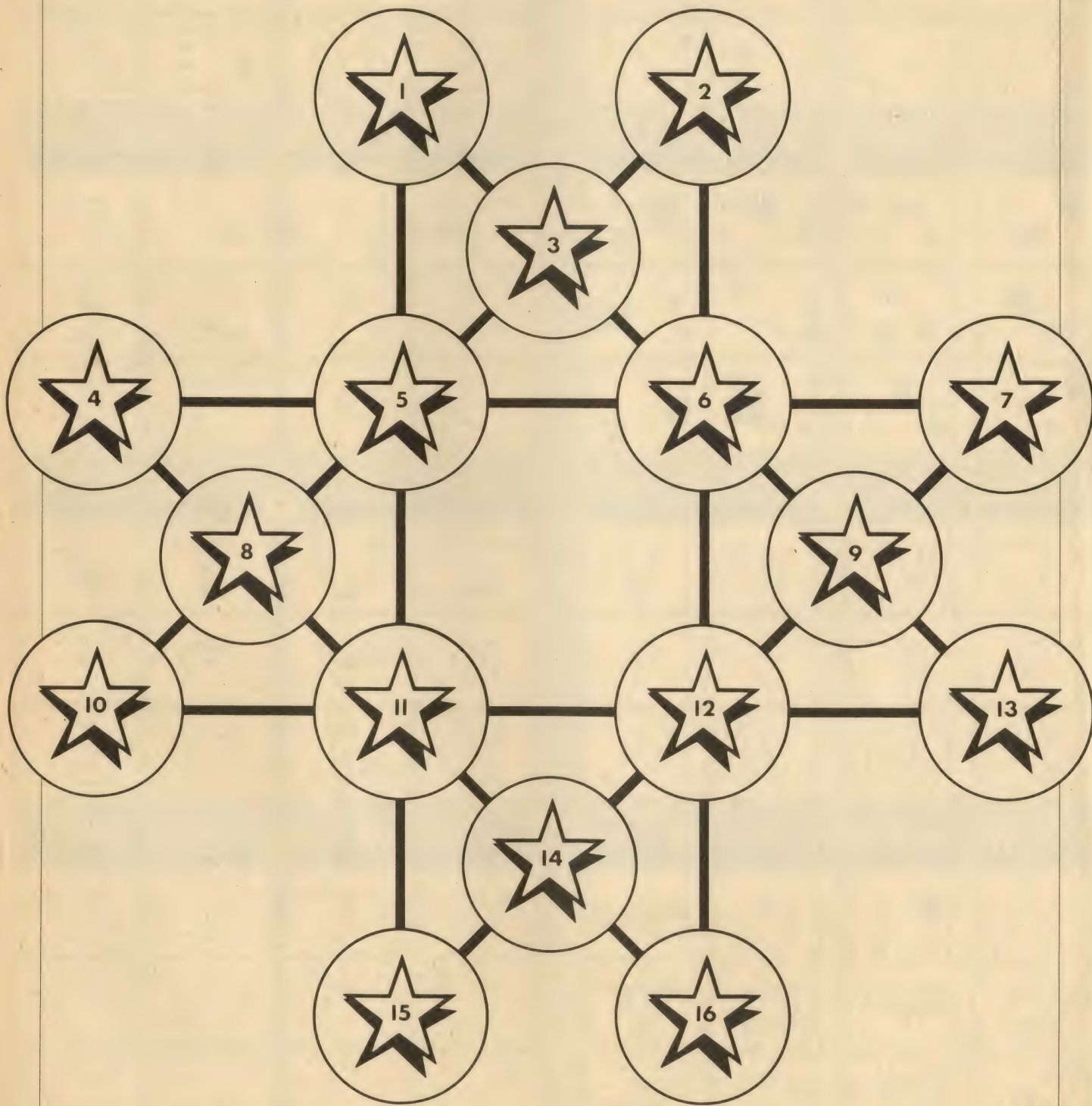
There's more to this star than meets the naked eye. Place a coin or other token on each circle below, leaving one circle empty. Then try to remove all the coins but one in as few moves as possible.

A move consists of jumping a coin over an adjacent coin in a straight line, landing in the empty circle beyond it. The coin that is jumped over is removed. (For example, with coins on circles 1 and 3, and with circle 6 empty, you may jump from 1 to 6 and remove the coin on 3.) A series of consecutive

jumps with the same coin counts as a single move (such as 4 to 11 to 13, removing 8 and 12).

No matter which circle is empty at the start, it's possible—though tricky—to remove all but one of the coins from the star. But for Sirius solvers the challenge is to complete the puzzle in only nine moves. To do so, you'll have to leave the correct circle empty at the start, and plan ahead to make use of multiple jumps. If you succeed, consider yourself a star of the first magnitude.

Answer Drawer, page 64



Cryptic Crosswords ★★★

Each clue in a cryptic crossword contains two parts: a definition of the answer and a second description of it through wordplay. Finding the dividing point between parts is the key

to solving. Watch for anagrams, hidden words, charades of two or more smaller words, and other language tricks. Puzzle 2 is harder than Puzzle 1.

Answer Drawer, page 60

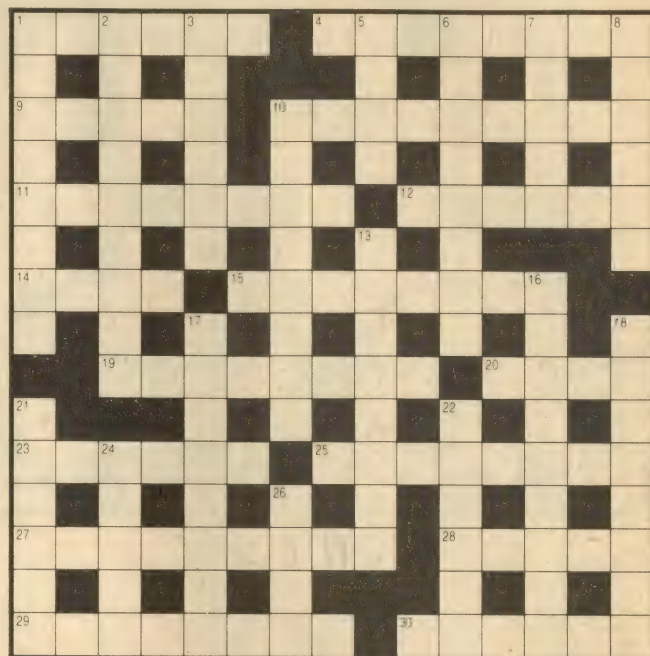
Puzzle 1 by Emily Cox and Henry Rathvon

ACROSS

- 1 Buffalo Bill catches me in satire (6)
4 Cast off wicked demoness (3-5)
9 Tolstoy's Karenina left an account (5)
10 Cuts frilly fabric prices (9)
11 Cemetery makes presidential assassin sick (4,4)
12 Defoe's castaway changed course (6)
14 Genghis is somewhat dark, handsome (4)
15 Show record to miss (8)
19 Important parts—of Francis Scott's song? (8)
- 20 Burn most of graph (4)
23 Madly clouts bug (6)
25 Boys must have yen to be doctors (8)
27 Me and an old horse in front of Great Lake Zoo (9)
28 Colder rice I stirred (5)
29 We tsetse flies like honey most of all (8)
30 Oldest ancestors maintaining position (6)
- 2 Guys dock ship in Edison's home (5,4)
3 Greek place I'd help rebuild (6)
5 Hillbilly cut head off baby bird (4)
6 Mistakenly mark door: "Photographer's area" (8)
7 Consents to part of salvo test (5)
8 Bound by lad, she is tied (6)
10 Candy tablet turned up in ring (8)
13 Clues he'd deciphered from slate (8)
16 An African and I captivated by the piano playing (9)

DOWN

- 1 Meat put in pastry for cookout (8)
17 Octet has fine vision (8)
18 Keep the first of



- Paul Revere's horses around (8)
21 Holders for 100 lights (6)
22 Selfish person's awful stogie (6)
24 Nothing is placed inside of stick boat (5)
26 Experts not finished writing (4)

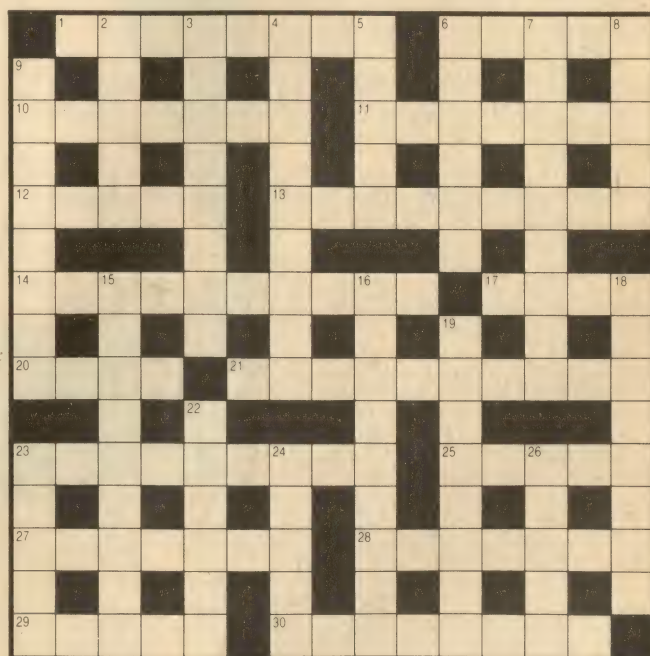
Puzzle 2 by Scott Marley

ACROSS

- 1 Artificial additive ruining chic meal (8)
6 Playwright said "Nonsense!" (5)
10 Grotesque homes for outlaws having no time (7)
11 It's too darn windy! (7)
12 Earlobes, especially, containing fat (5)
13 Gentler to broken glasses (9)
14 Joker with bad habit is set for the afternoon? (3,7)
17 A sibling in present condition (2,2)
20 Food in vogue at supper (4)
21 Used something that sweeps? (6-4)
- 23 Unfortunately chose sale items tied in knots (9)
25 Religion I criticize harshly (5)
27 Cheer for basketball goal, in brief (7)
28 No one with sore back is wearing down (7)
29 Frail remedy without a bit of medicine (5)
30 Quick-tempered ones laugh at the classifieds (8)
- 5 Soda bottle partially obliterated (5)
6 Mother and father sign lease (6)
7 Halt shape's deterioration here! (6,3)
8 We can keep nonsense recorded (5)
9 Choke or valve in engine (8)
15 Stadium most adore wildly (9)
16 Rebuilding scow, stern to top of ship (5,4)
18 Mailed about ten cents for deposit (8)
19 Dominate brutally, as the ticket says (5,3)

DOWN

- 2 Thicket is beginning of horticultural border (5)
3 Wealthy, accepting ring with peepers wide open (4-4)
4 That's life in a vile sect: corrupt (4,2,3)



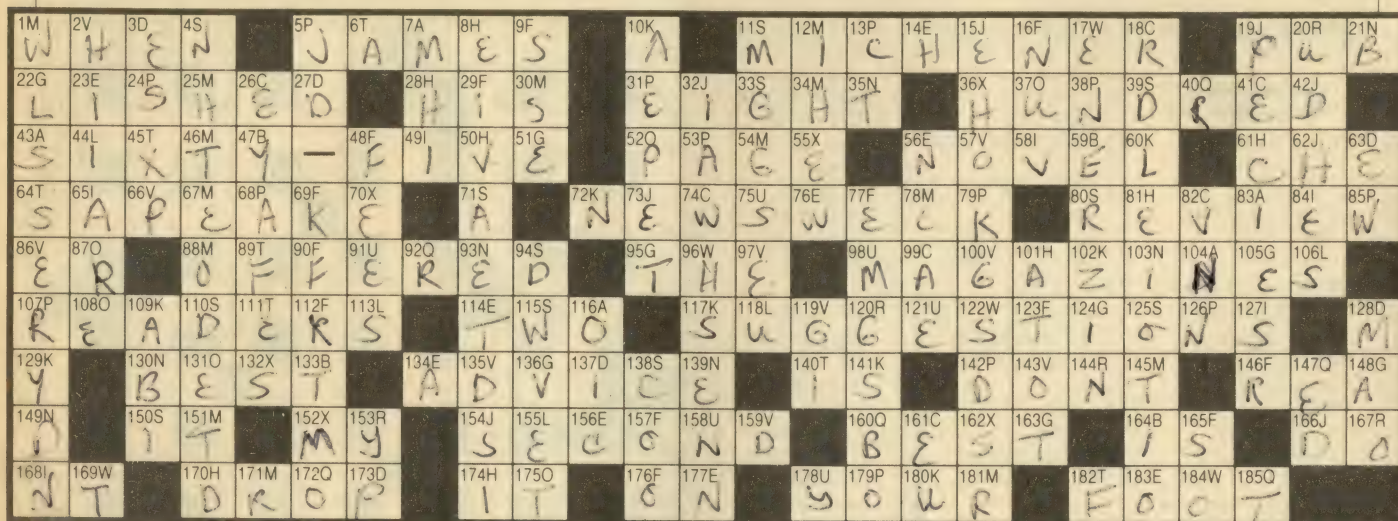
- 22 Unexpected pop fly causing limp (6)
23 It drains a seamstress (5)
24 Bill, I hear, is European (5)
26 Scottish landowner placed about right (5)

Double Cross ★★

by Michael Ashley

Answer the clues for words to be entered on the numbered dashes. Then transfer the letters on the dashes to the correspondingly numbered squares in the puzzle grid to spell a quotation reading from left to right. Black squares separate

words in the quotation. Work back and forth between grid and word list to complete the puzzle. When you are done, the initial letters of the words in the word list will spell the author's name and the source of the quotation. *Answer Drawer, page 58*



- A. Cretan king who had the Minotaur's labyrinth built
M I N O S
7 83 104 116 43
- B. Abominable Snowman
Y E T I
47 59 133 164
- C. Fix a "darned" mistake
R E W E A V E
18 41 74 26 99 82 161
- D. Block the progress of
I M P E D E
137 128 173 63 27 3
- E. Famous San Francisco district
C H I N A T O W N
156 14 23 56 134 114 183 76 177
- F. Streisand's co-star in *A Star Is Born*
K R I S T O F F E
69 146 29 9 123 176 90 48 77
R S O N
112 165 157 16
- G. Float, as at a seance
L E V I T A T E
22 51 136 124 95 148 163 105
- H. Attained a goal
A C H I E V E D
101 61 28 174 8 50 81 170
- I. Armadas
N A V I E S
168 65 58 49 84 127
- J. Kind of pie or pizza (hyph.)
D E E P D I S H
166 15 73 19 42 32 154 62
- K. Revolving tray for serving food (2 wds.)
L A Z Y S W S A N
60 10 102 129 141 180 117 109 72
- L. Magazine copy, or item in a debate
I S S W E
44 106 113 118 155

- M. 1979 Philip Roth novel (3 wds.)
T H E G H O S T W
145 34 78 54 25 88 30 151
R I T E R
171 12 46 67 181
- N. When the water's going out (2 wds.)
E B B T I D E
139 21 130 35 103 149 93
- O. Public esteem
R E P U T E
87 108 52 37 175 131
- P. President known as "Old Hickory" (2 wds.)
A N D R E W J A C
68 126 142 107 31 85 5 53 13
K S O N
79 24 179 38
- Q. TV's Marcus Welby (with Word "R")
R O B E R T
40 172 160 147 92 185
- R. See "Q"
Y O U N G
153 167 20 144 120
- S. Thomas Hardy's *Far From The* (2 wds.)
M A D D I N G C C R
11 71 94 39 150 4 33 138 80
O W D
125 115 110
- T. Fastens, joins
A F F I X E S
6 89 182 140 45 111 64
- U. Sycophants (hyph.)
Y E S M E N
178 121 75 98 91 158
- V. Potpourri
H O O G E P O D G E
2 57 159 100 86 66 143 135 119 97
- W. Fundamental character of a culture
E T H O S
17 169 96 184 122
- X. Engages, as a gear
M E S H E S
152 70 162 36 55 132

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by Stanley Newman

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following issue.

Architect

12. _____ O _____ N

Reporter

13. _____ C _____ O

Ice Cream
Vendor

idea," for short

48 Take effect

49 Cry of amused
discovery

50 Places for black
jacks

53 Relative of the
Bedlington terrier

55 Item on a
"must" list

58 Grammarian's
subject

115 Air gun filler

116 Animal suffix

117 Opal ending

118 *Das Lied*

von der Erde

composer

119 Information

121 In unison,

musically

123 Pioneering video
game

126 Party dress
material

129 Troubadour,
often

131 7, on the dial

133 British Airways,
once

135 Address for a
San Francisco
suburb

139 "____ To Be
Love" (Rodgers
and Hart tune)

140 *Europoort* city

143 ____ 60
(acceleration
standard)

144 Cartoonist
Addams

145 Friend's
pronoun

146 Matchmaker
Dolly

148 "El Paso"
cantina owner

149 VCR button

151 Uses tacton

152 Aged: Latin
abbr.

153 Do Louvre work

155 Moved stealthily

156 One of the
Alous

157 Play things?

160 European
lindens

161 Search a
suspect

162 Pitcher's
"soupbone"

163 ____ *Girls*

164 Mozart
contemporary

167 Sally Lunns, e.g.

170 Fidgety

171 Resume

operations

172 Go home, in a
way

173 Rendezvoused

174 "____ Army"
(golf gallery)

175 Not covert

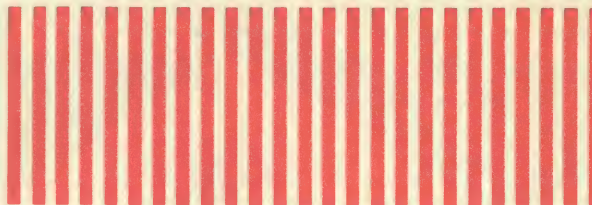
Double Cross ★★

by Michael Ashley

Answer the clues for words to be entered in the squares. Then transfer the letters on the corresponding numbered squares in the quotation reading from left to right. B

1M	2V	3D	4S	5P	6T	7A
W	H	E	N	J	A	M
22G	23E	24P	25M	26C	27D	28H
L	I	S	H	E	D	H
43A	44L	45T	46M	47B	48F	49I
S	I	X	T	Y	-	F
64T	65I	66V	67M	68P	69F	70X
S	A	P	E	A	K	E
86V	87O	88M	89T	90F	91U	92Q
E	R	O	F	F	E	R
102P	108O	109K	110S	111T	112F	113L
R	E	A	D	E	R	S
129K	130N	131O	132X	133B	134E	
Y	B	E	S	T	A	
149N	150S	151M	152X	153R		
J	T	M	Y			
168I	169W	170H	171M	172Q	173D	
N	T	D	R	O	P	

NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES



A. Cretan king who had the Minotaur's labyrinth built

M I N O S
7 83 104 116

B. Abominable Snowman

Y E T I
47 59 133 164

C. Fix a "darned" mistake

R E W E A
18 41 74 26

D. Block the progress of

I M P E T
137 128 173 63

E. Famous San Francisco district

C H I N A
156 14 23 56 13

F. Streisand's co-star in *A Star Is Born*

K R I S T
69 146 29 9 13

G. Float, as at a seance

L E V I T
22 51 136 124

H. Attained a goal

A C H I E
101 61 28 174

I. Armadas

N A V I E
168 65 58 49

J. Kind of pie or pizza (hyph.)

D E E P D I S H
166 15 73 19 42 32 154 62

K. Revolving tray for serving food (2 wds.)

L A Z Y S W S A N
60 10 102 129 141 180 117 109 72

L. Magazine copy, or item in a debate

I S S U E
44 106 113 118 155

U. Sycophants (hyph.)

178 121 75 98 91 158

V. Potpourri

H O P G E P O D G E
2 57 159 100 86 66 143 135 119 97

W. Fundamental character of a culture

E T H I C S
17 169 96 184 122

X. Engages, as a gear

M E S H E S
152 70 162 36 55 132

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Business Connections ★★

by Isobel Livingstone

Each set of dashes below can be completed with a word that is related to both of the occupations at the side. For example, a union leader and a bowler might both suggest the word STRIKE, while a bowler and a gallery owner might suggest FRAME. The occupations form a 13-step chain from "Séance leader" to "Ice cream vendor." Can you make all the right connections?

Answer Drawer, page 60

Séance Leader	1. _ P _ _ _ I _ _ S
Bartender	2. _ T _ _ _ B _ _ E _
Locksmith	3. _ _ _ F _ _
Baseball Umpire	4. _ _ I _ _ _ O _ _ D
Jeweler	5. _ _ _ _ _ G _
Boxer	6. _ H _ _ _ O _ _
Fisherman	7. _ _ _ C _ _ _ E
Quarterback	8. _ _ _ S _ _
Bridge Player	9. _ S _ _ _ D _ _
Gardener	10. _ P _ _ _ T _
Novelist	11. _ _ _ O _ _ Y
Architect	12. _ _ O _ _ _ _ N
Reporter	13. _ _ C _ _ O _ _
Ice Cream Vendor	

FOLD THIS PAGE

The World's Most Ornery Crossword

by Stanley Newman

Open Corners

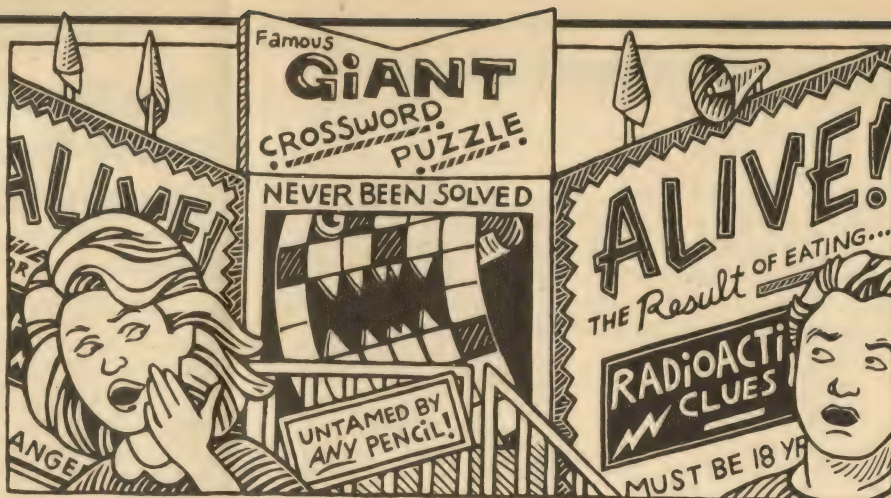
The crossword on this and the next two pages has two independent sets of clues: "Hard" and "Easy." First, fold this page back on the dashed line so the clues below face the solving grid on page 39. If you use only the Hard Clues (appearing below and continuing under the grid), you'll find the puzzle uncommonly challenging. If you want help, or prefer a less severe challenge, open to the Easy Clues (tucked in beneath your fold on page 38).

Hard Clues ★★★

- | | | |
|---|---|---|
| ACROSS | 59 Cash's "Boy" | 126 Party dress material |
| 1 Pots, of sorts | 60 Put a ____ (have followed) | 129 Troubadour, often |
| 11 Philosopher d'Abano | 61 Pious | 131 7, on the dial |
| 17 ____ cap for (try to catch) | 63 S.A.T. section | 133 British Airways, once |
| 24 Poking fun at | 65 <i>Persistence of Memory</i> painter | 135 Address for a San Francisco suburb |
| 25 Charles's kid brother | 67 Galvanization requirement | 139 "____ To Be Love" (Rodgers and Hart tune) |
| 26 Cheat on | 68 Bench warmers | 140 <i>Europoort</i> city |
| 27 Howdy Doody, essentially | 71 To boot | 143 ____ 60 (acceleration standard) |
| 28 Huron or Erie | 73 Mr. Vigoda | 144 Cartoonist Addams |
| 30 Beirut hijacking heroine stewardess ____ | 75 Tic-tac-toe win | 145 Friend's pronoun |
| 31 Bishops' neighbors: Abbr. | 77 Ending for computer or journal | 146 Matchmaker Dolly |
| 32 Approach readiness | 78 Moleskin | 148 "El Paso" cantina owner |
| 34 All-time World Series hit leader | 79 Squad car item | 149 VCR button |
| 35 Public display | 81 Prado painter | 151 Uses taction |
| 36 <i>Bibliothèque</i> stock | 83 Emulates Jabbar | 152 Aged: Latin abbr. |
| 38 Oliver Barrett's creator | 85 <i>Newhart</i> setting | 153 Do Louvre work |
| 39 Tuition collectors | 86 Teeth that turn | 155 Moved stealthily |
| 41 Recent TV series <i>Emerald Point</i> | 87 '64 Henry Fonda thriller | 156 One of the Alous |
| 42 Diarist Nin | 90 Studio worker | 157 Play things? |
| 43 Overpriced | 94 "When hell freezes!" | 160 European lindens |
| 44 Leisure's newspaper partner | 97 Bit of a broker's business | 161 Search a suspect |
| 45 Cleaned with strong alkali | 98 Snorri Sturluson, e.g. | 162 Pitcher's "soupbone" |
| 47 "You get the idea," for short | 100 Sac Indian chief | 163 ____ <i>Girls</i> |
| 48 Take effect | 101 Applesauce | 164 Mozart contemporary |
| 49 Cry of amused discovery | 103 Lasses | 167 Sally Lunns, e.g. |
| 50 Places for black jacks | 104 Evian water | 170 Fidgety |
| 53 Relative of the Bedlington terrier | 105 Trout relative | 171 Resume operations |
| 55 Item on a "must" list | 107 Chesterfield or reefer | 172 Go home, in a way |
| 58 Grammarian's subject | 108 Toy (with) | 173 Rendezvoused |
| | 110 Minimum wage | 174 "____ Army" (golf gallery) |
| | 112 Librarian's warning | 175 Not covert |
| | 115 Air gun filler | |
| | 116 Animal suffix | |
| | 117 Opal ending | |
| | 118 <i>Das Lied von der Erde</i> composer | |
| | 119 Information | |
| | 121 In unison, musically | |
| | 123 Pioneering video game | |

The World's Most Ornery Crossword (Continued)

Don't Peek
Until You Read
Page 37!



Easy Clues ★

ACROSS

- 1 Cars' fifth wheels: 2 wds.
- 11 Peter, in Pisa (ROPE IT anag.)
- 17 ____ heart on (hope for): 2 wds.
- 24 Lacking respect
- 25 Mr. Carnegie
- 26 Double-cross
- 27 Puppet on a string
- 28 Indian: 2 wds.
- 30 Diminutive suffix (in PAULINE)
- 31 Gold purity units: Abbr.
- 32 Turn red, as apples
- 34 Yankee Yogi
- 35 Part of an act
- 36 French books (SILVER anag.)
- 38 *Love Story* author Erich
- 39 College treasurers
- 41 Nose: Prefix
- 42 French diarist Nin
- 43 Sheer, as a cliff
- 44 Linkletter and Fleming
- 45 Treated with strong soap
- 47 And so on: Abbr.
- 48 Apple archer William
- 49 Cry of surprise
- 50 Half the ladies in the deck: 2 wds.
- 53 Lassie's breed
- 55 Vital
- 58 Person, place, or thing, grammatically
- 59 Take to court
- 60 "Pin the ____ the donkey": 2 wds.
- 61 Canonized

- 63 High school course
- 65 Painter Salvador
- 67 Metallic element
- 68 Washes thoroughly
- 71 Additionally
- 73 Honest ____
- 75 Scoreboard's initial reading
- 77 Direction opposite WNW
- 78 Brownish gray
- 79 Ham broadcaster's need
- 81 Famed Spanish painter
- 83 Dips donuts
- 85 Country hotel
- 86 Gear teeth
- 87 Henry Fonda thriller of '64
- 90 Rembrandt or Renoir
- 94 "No way!": 4 wds.
- 97 Make a swap
- 98 Native of Reykjavik
- 100 Iowa town on the Mississippi
- 101 Balderdash
- 103 Guys' dates
- 104 ____ de cologne
- 105 Process ore
- 107 Paint layer
- 108 Loiter
- 110 Weighing device
- 112 "Be quiet!"
- 115 Kiddie ammunition
- 116 Suffix for proto
- 117 Verb ending (CEES anag.)
- 118 Austrian composer Gustav
- 119 Ship deck
- 121 Together, musically: 2 wds.
- 123 Ping-____

- 126 Crisp, lustrous fabric
- 129 Old-time strummer
- 131 Twosomes: Abbr.
- 133 British Airways, formerly: Abbr.
- 135 Town near San Francisco: 2 wds., abbr.
- 139 "... ____ to be good" (Smuckers slogan): 2 wds.
- 140 Dutch port
- 143 Western Indian (TOO anag.)
- 144 Cha-____ (dance steps)
- 145 "____ kingdom come ..."
- 146 Jeans maker Strauss
- 148 Singer Julius La ____
- 149 Take a breather
- 151 Senses
- 152 At age of: Latin abbr. (EAT anag.)
- 153 Put back in original condition
- 155 Crawled along
- 156 Baseballer Alou
- 157 Supports with "up"
- 160 Linden trees (STILE anag.)
- 161 Search for concealed weapons
- 162 Sleeve filler
- 163 ____ *Misérables*
- 164 *Amadeus* bad guy: 2 wds.
- 167 Scones, e.g.: 2 wds.
- 170 Nervously active
- 171 Unlock again
- 172 Go back to one's country
- 173 Got together secretly

- 174 "____ Army" (Palmer's golf gallery)
- 175 Generous

DOWN

- 1 Pretend
- 2 Southern nut confections
- 3 Incoming flights
- 4 Defendants: Lat. (IRE anag.)
- 5 Elicits
- 6 Circus "big tops"
- 7 Makes mad
- 8 No longer working: Abbr.
- 9 Main course
- 10 Actor Rod
- 11 Game show group
- 12 ____ instant (quickly): 2 wds.
- 13 Summer time in D.C.: Abbr.
- 14 Words of praise
- 15 Turns around
- 16 Ones in debt
- 17 Jesus's mother: 2 wds.
- 18 Lamb's mama
- 19 Rocky hills
- 20 Ear-related (in NOTICES)
- 21 Puritanical miss: 2 wds.
- 22 Auras
- 23 Oldness
- 29 Russian lake: 2 wds.
- 33 Franz von ____ (German statesman)
- 37 Infuriates: 2 wds.
- 38 Summer-coated weasel
- 39 Full force
- 40 Modular furniture pieces
- 43 Lower leg
- 44 Soft blue shade
- 46 ____ favor (help): 2 wds.

- 49 Elevator inventor
- 51 Major-____ (steward)
- 52 In the altogether
- 54 Actress Taylor, for short
- 56 Local theater (BEAN anag.)
- 57 "One thing ____ another": 2 wds.
- 62 551 Roman-style
- 64 Country bumpkins
- 66 Baseball's Gehrig
- 68 Awful odor
- 69 Lake transportation
- 70 "____ You" (Bryan Adams hit): 2 wds.
- 72 Flattery: 2 wds.
- 74 Sheepish cry
- 76 Gumbo vegetable
- 79 Steal from
- 80 Actor's representative
- 81 Gargantuan
- 82 Early automaker
- 83 Windshield sticker
- 84 Railroad depot: Abbr.
- 86 A baker mixes it: 2 wds.
- 88 Square-footage
- 89 Garden of Eden garb: 2 wds.
- 91 Perfect
- 92 Ex-radical Bobby (AS EEL anag.)
- 93 More accurate
- 95 Approves
- 96 Devoid of sensation
- 99 TV's Tarzan Ron
- 102 Sergeant or corporal: Abbr.
- 106 "Acid"
- 109 Put on a show
- 110 '60s Prime Minister of Japan (OATS anag.)
- 111 Front section of a church
- 112 Divided in two: 2 wds.
- 113 Dixie resident
- 114 Right as can be
- 116 Actor Mostel
- 117 Old oath
- 118 Note from the boss
- 120 Sloppy eater
- 122 Stands
- 124 Grossly overweight
- 125 Nick Charles's wife
- 127 Add icing to
- 128 Lavish party
- 130 Note after "fa"
- 132 Baby buggy
- 134 Italian isle
- 136 Homeric epic: 2 wds.
- 137 Star golfer: 2 wds.
- 138 Sized up
- 141 ____ bar (car suspension part)
- 142 Title for Leonard Bernstein
- 147 Refused to sign, as a bill
- 150 Maintenance costs
- 151 Leg bones (FOAMER anag.)
- 154 Jeweled headband
- 155 Skirt fabrics, for short
- 156 Foam
- 158 Pans' partners
- 159 Agitated state
- 161 At no cost
- 162 Open ____ of worms: 2 wds.
- 165 ____ Got a Secret
- 166 Roof ornament (PIE anag.)
- 168 Friend for Tarzan
- 169 Relatives



Hard Clues (cont'd)

DOWN

- | | | | | | |
|----------------------------|----------------------------------|----------------------------------|-----------------------------|-----------------------------------|------------------------------|
| 1 Feign | 15 Makes pots stop? | 43 Tibia's locale | 76 Creole veggie | 110 Nobel peace laureate of '74 | 138 Was taxing? |
| 2 Almond sweets | 16 They're in the hole | 44 Mare filler | 79 Hold up | 111 Altar's section | 141 Twisting |
| 3 Airport board heading | 17 ___ Mead (Miss Marple's home) | 46 ___ good deed (be altruistic) | 80 Catalyst | 112 Cloven | 142 Mr. Conductor |
| 4 Defendants, in Roman law | 18 Wool bearer | 49 Lex Luthor's minion | 81 James Dean's last film | 113 Confederate | 147 Sent back to Congress |
| 5 Calls up | 19 TV producer Ivan | 51 Major-___ | 82 Ransom Eli ___ | 114 Perfect | 150 Maintenance |
| 6 Staked-out places? | 20 Auricular | 52 Botticelli's Venus, e.g. | 83 Model's accessory | 116 Lendl's love | 151 Thighbones |
| 7 Provokes | 21 Euphemism user | 54 Entertainment columnist Smith | 84 B&O stop | 117 "Zounds!" | 154 Papal crown |
| 8 Drawing on one's I.R.A. | 22 Effluences | 56 Local theater, with "the" | 86 Baker's goop | 118 Interoffice communication | 155 Hoopskirt fabrics |
| 9 Musical movement | 23 Outmoded condition | 57 Causes | 88 Scope | 120 Latin variety? | 156 Head for the bar? |
| 10 The Pawnbroker star | 29 World's fourth largest lake | 62 XXIX x XIX | 89 Garden cover? | 122 Dawns | 158 Lobsterman's traps |
| 11 Instrument location | 33 1930s German chancellor | 64 Yokels | 91 Paragon | 124 Failing at middle management? | 159 Stew |
| 12 ___ uproar | 37 Incenses | 66 Bud's buddy | 92 Revolutionary Bobby | 125 Author Ephron | 161 Unrestricted |
| 13 Summer time in N.Y.C. | 38 The ermine in summer | 68 Unpleasant scandal | 93 Closer to the facts | 127 Nose nipper | 162 Open ___ of worms |
| 14 1980 Jack Lemmon film | 39 Heaviest part | 69 Dugout | 95 Sanctions | 128 Elaborate do | 165 "___ Got a Crush on You" |
| | 40 Furniture store selection | 70 Total | 96 Anesthetized | 130 Impresario Hurok | 166 Roof decoration |
| | | 72 Blarney | 99 Former Miss America host | 132 Park patron | 168 Big galoot |
| | | 74 Sound of shear terror? | 102 Lt.'s subordinate | 134 Italian wine | 169 Family reunion crowd |
| | | | 106 Start of some trips | 136 Classical war epic | |
| | | | 109 Play charades | 137 PGA pro | |

Alphabet Soup ★★

by David Greenwald

Chowderheads will find this puzzle to their taste. The bowl of alphabet soup and the decorated mat it rests on contain all the ingredients you'll need to sound out the 15 words defined below. To solve each clue, take one of the letters from the stock and phonetically place it before or after one of the pic-

tures from the mat. For example, the first answer, cherry, is CHAIR plus E. Since the letters and pictures are used once each, you may cross them out as you go. Some of the answers are tricky, so use your noodle.

Answer Drawer, page 60



- | | | | | | |
|-------------------------|-------|-------|------------------------|-------|-------|
| 1. Slot machine fruit | CHAIR | E | 8. Garden flower | _____ | _____ |
| 2. Nut used in pies | _____ | _____ | 9. Fairylike | _____ | _____ |
| 3. Playground equipment | _____ | _____ | 10. Scope | _____ | _____ |
| 4. Oak-to-be, perhaps | _____ | _____ | 11. Fine muslin fabric | _____ | _____ |
| 5. Fixed opinion | _____ | _____ | 12. Game with mallets | _____ | _____ |
| 6. Peace talks goal | _____ | _____ | 13. Man's title | _____ | _____ |
| 7. Whole | _____ | _____ | 14. Join | _____ | _____ |
| | | | 15. High-pitched flute | _____ | _____ |

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LOGIC COMIX PRESENTS

FINAL CURTAIN

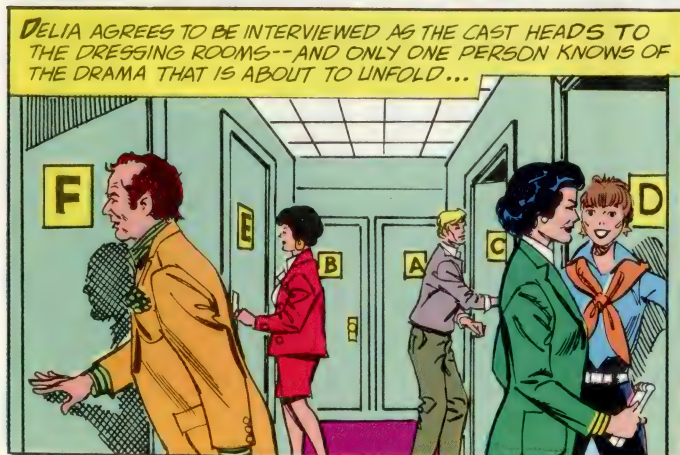
STORY BY KATHY KESTING AND MIKE SHENK
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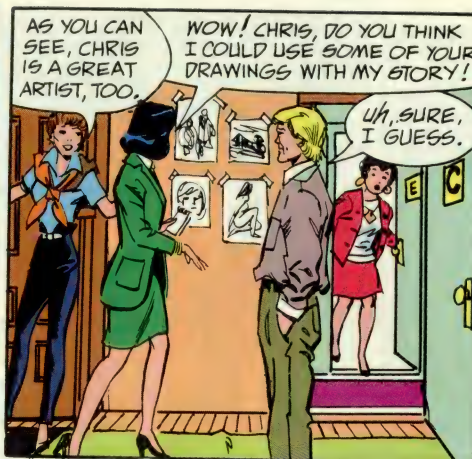
starting STELLA BRANDT

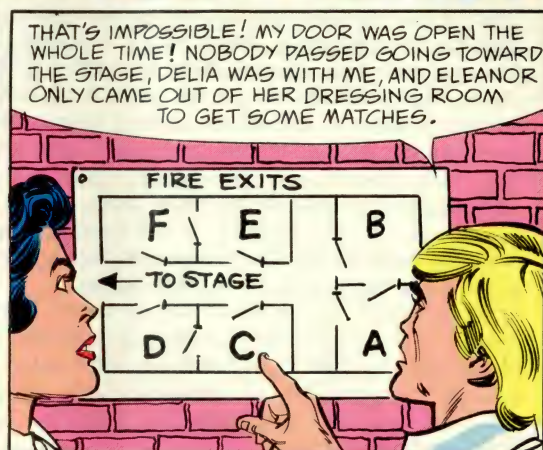
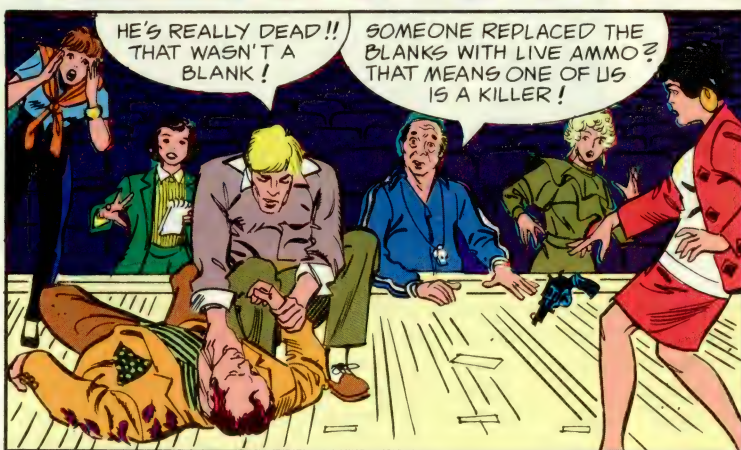
ONE WILL BE THE VICTIM...



ONE WILL BE THE MURDERER !!







**DO
YOU
KNOW
WHO
PUT
THE
BULLETS
IN THE
GUN?**

ANSWER
DRAWER,
PAGE
58

GAMES & BOOKS

Edited by R. Wayne Schmittberger

Dallas: The Game of Empire Building Strategy (Maruca Industries, around \$25)

This is the welcome return of Cartel, an outstanding game that unfortunately went out of print some 10 years ago. Its new title comes from the *Dallas* television series and accounts for a few small changes in the game.

The battle for financial supremacy is fought on a board showing 52 companies, which cost \$10 million to \$250 million and earn yearly profits from \$1 million to \$40 million. Owning two adjacent companies earns a "bonus profit"; an additional profit is earned for owning four companies that meet at a corner. Two to four "oil barons" start with a measly \$10 million in cash, a \$10-million company, a hand of three company cards, and nine blocks of stock. On a turn a player can buy a company from his or her hand, paying the listed price, or make one of the companies face up on the board available for auction to the highest bidder.

Payment can be handled in various ways. Floating a bond raises half the price of the company, but cuts its future profits in half, and the bond must be repaid with interest. Stock can be sold, starting at \$10 million per block and rising as high as \$400 million as the player's holdings expand. Cash, if available, is always good.

At the end of each year (one round of play), players collect profits from the treasury. After the 10th year they add up the value of their companies, unsold blocks of stock, and cash, subtracting bonds. The player with the highest total wins.

The optional "Dallas Press" cards are new. Some create



PHOTOGRAPHS BY STAN FELLEMAN

random events, while others let you do nasty things to other players in typical *Dallas* style. The cards add luck to a game that otherwise calls for skillful play, and serious gamers may prefer to leave them out.

Early copies of the game omit an important rule: At the start, after shuffling the \$10-million company cards and dealing one to each player for a starting company, the \$20-million cards should be shuffled with the remaining \$10-million cards, and three dealt to each player as a hand. Three more cards should be placed face up on the board to start a "pool," and the rest reshuffled into the deck.

—Sid Sackson



How to Host a Murder: The Watersdown Affair (Decipher, arnd. \$25)

Last year's craze was trivia games, but this year's is the mystery party game in which guests play the suspects and detectives. Over a dozen such games are now on the market, none more slickly produced than the How to Host a Murder series, whose first entry is *The Watersdown Affair*.

Eight players assume the roles of eight different characters who have been invited to Watersdown Mansion by wealthy Sir Roger Watersdown. They range from Dame Allison Bigh, a mystery novelist whose work is admired by Sir Roger, to Roger S. B. Astird, Sir Roger's long-lost illegitimate son. Each player is given a different Player Clue Manual contain-

ing private information about what his character knows.

At the start, a Scotland Yard inspector announces—on a cassette tape—that Sir Roger has been murdered. The tape also gives many details about the circumstances of the death and the layout of the mansion, and players are further aided by a blueprint of the mansion and a Scotland Yard report.

The game is played in four rounds, each of which takes about half an hour. In each round, players question each other to learn whatever they can about the private information in other players' Clue Manuals. Between rounds, players read new sections of their manuals, giving them food for further thought and conversation. Various additional "secret clues," such as a copy of the deceased's will, also come into play.

The mystery is cleverly constructed—perhaps too cleverly. Many characters have good motives and opportunities, red herrings abound, and there is a great deal of information to keep track of. In fact, the crime is so complex that everyone (except the "killer") is likely to be guessing right up until the end. Indeed, the game's climax is designed to provide maximum suspense for those still in the dark.

The Host's Guide includes such nice touches as special party invitations, recipes for roast beef and Yorkshire pudding, and suggestions for costumes. All these options add to the mood, which is the game's strongest point. The Watersdown Affair will definitely provide a diverting and atmospheric evening, but players should not be surprised if they are unable to solve the puzzle.

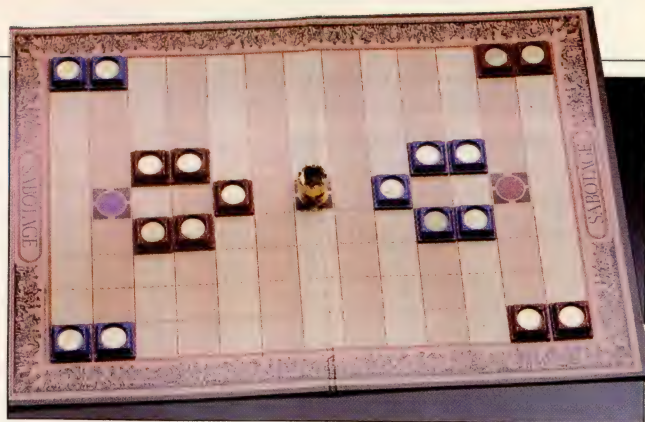
—R. W. S.

Sabotage (Lakeside, around \$10)

Attractive and easy to learn, this two-player strategy game has interesting and unusual tactics. Each player maneuvers nine pieces on the rectangular board, trying to capture a gold crown and bring it back to his or her home base. Pieces move in any direction, but the distance depends on how many other pieces (regardless of who owns them) are in the same row as the moving piece. A piece all alone in a row moves one space in any direction; a piece in a row with one other piece must move exactly two spaces (jumping is not allowed), and so on.

When landed on by the opponent, a piece is removed from play. A piece that lands on the crown (or on an opposing piece carrying it) takes the crown, which is then placed on top of the piece. The piece with the crown loses the ability to move diagonally. As a result, players will find it hard to maneuver the crown to their base without using some of their other pieces as escorts.

Falling just one piece behind is often fatal, so players



should not sacrifice pieces unless they see a fairly clear route to victory: If both players are reduced to a single piece, the game is generally a draw. If this happens too often between equal players, a rule can be added giving the win to the player with the crown (since he has overcome the disadvantage of slightly reduced mobility); or, alternatively, to the player whose goal is closer to the crown at the end of the game.

— R. W. S.

A Mind Forever Voyaging

by Steven Meretsky (Infocom; Apple II 128K, IBM, Macintosh, Atari ST; \$44.95)

The year is 2031. Perry Sim, 20 years old, has just been told that his entire life, from infancy to adulthood, has been a simulation. He is not a human, as he'd always believed, but a cyborg, a computer in human form. Now, after 20 years of preparation, he is ready to play his part in the crucial experiment known as PRISM.

Thus begins Infocom's latest work of interactive fiction, an ambitious departure from anything Infocom has done before and a major event in software entertainment. Although it plays much like any other Infocom text game (you move through the story by typing commands on the keyboard), this is no fantasy world of wizards or treasures, and the intricate puzzles typical of Infocom games are subordinated here to an almost incidental role. This is a game with a social conscience.

The United States of North America is in serious trouble. Crime is rampant, teenagers are committing suicide in "joy-booths" (psychoactive environments intended as escapist

entertainment), the economy is failing, an extremist sect has forcibly occupied a federal installation, our leaders seem helpless. A USNA senator has proposed a radical, far-reaching plan to deal with these problems, and a group of scientists has devised an experiment to test it. If the plan is adopted, what will our society be like in 10 years? In 20 years?

This is the PRISM experiment, and its instrument is Perry Sim. As a human, he can enter the two simulated futures and observe, interact, and accomplish certain tasks. As a computer, he can link up electronically with a news network, plug into a library mode to retrieve information about himself, his creators, and the real world, and even enter the heart of the PRISM program itself, where he can . . .

But perhaps we've said too much already. The game's secrets, like the puzzles in traditional adventures, will be revealed only to the thoughtful, patient traveler. Of particular note is the game's lack of a specific goal. This is for the player to set for himself, when he is ready.

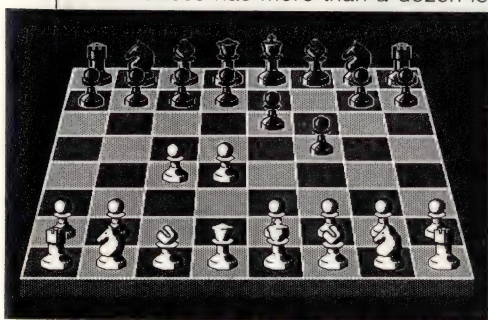
For its attention to detail, incredibly smooth parser (the part of the software that analyzes your sentences and makes it possible for you and the computer to communicate), crisply written prose, and intriguing story, this game deserves the highest praise.

—B. H.

Chess by Richard Lang (Psion; Macintosh; \$59.95)

Winner of the 1984 World Microcomputer Chess Championship, this program from England takes its place among the most powerful microcomputer chess programs in the world. Psion Chess has more than a dozen levels (indicated by re-

sponse times per move, from less than a second to four minutes), and at its strongest it can beat all but the top 10 percent of human players (those rated over 2000 on the U.S. Chess Federation rating scale).



But Psion Chess has beauty as well as brains. The board can be viewed either in lifelike three-dimensional perspective or in a flat two-dimensional display (like a printed chess diagram) accompanied by a move-by-move score of the game in progress. To move a piece, you pick it up with the cursor and drop it on the desired square. This simulation so successfully creates the illusion of playing with real pieces against a real opponent—an effect heightened by the 3-D display—that the computer almost seems to disappear.

Psion Chess contains all the features we expect in a first-class program, including the options of changing sides anytime during a game (or reversing the board without changing sides), displaying the computer's analysis during play, taking back moves, setting up practice positions or problems to solve, and many others. One of its real beauties, however, is its ability to print out not only the score of a game (either during or after play) but also position diagrams that rival the best diagrams printed in newspapers and chess magazines.

If you're not yet the lucky owner of a Macintosh, this program is almost reason enough to buy one.

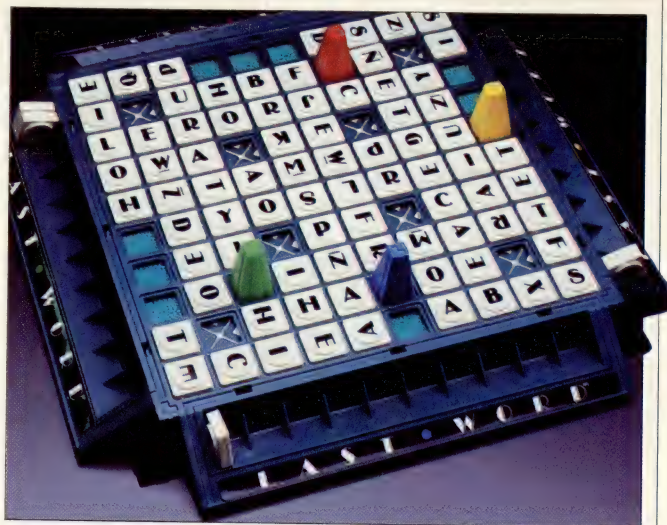
—B. H.

Last Word (Milton Bradley, around \$12)

Strategy is more important than vocabulary in this new word game, which challenges you not only to make words but ultimately to prevent opponents from making them. The board is a 10 x 10 plastic grid made up of 92 letter squares and eight "wild" squares. Before starting, players randomly place 92 letter tiles face up on the letter squares, leaving the wild squares uncovered. Then, in turn, each player moves his pawn from square to adjacent square, spelling out a word as he goes. Each tile used in the word is taken from the board and stored in a rack in front of the player. (The base of a pawn fits snugly over a tile, making its removal easy.) Wild squares can be used as any letter.

After a player makes a word, he leaves his pawn on the last square used to make the word and starts from there on his next turn. Empty squares may not be entered or crossed, so movement becomes more and more restricted as the game progresses.

The game ends when players can no longer form words. Each letter tile scores one point, and the player who forms the last word of the game receives a five-point bonus. Making a play that cuts off another player's pawn from any adjacent letter tiles, thereby depriving that player of further moves, also earns a five-point bonus.



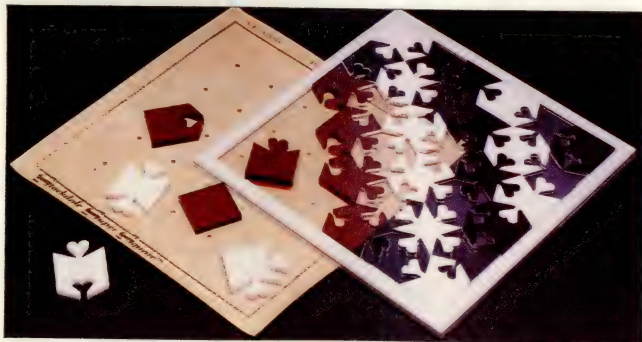
Forming words is easy, but finding the move that best takes into account the positions of opposing pawns is difficult. Pawns can make "wraparound" moves off one board edge to the opposite side, but an unwary player can suddenly find himself reduced to a small island. At this point, players will need to keep a dictionary on hand to avoid becoming overly creative with the English language. —Geoffrey Brewer

ETCETERA

Stockdale Super Square

(available from Kadon Enterprises, 1227 Lorene Drive, Suite 16, Pasadena, MD 21122, \$28 postpaid) is a set of 36 laser-cut acrylic pieces with heart-

shaped interlocks. Rules are provided for seven challenging competitive games and for hundreds of puzzles that require the solver to fit the pieces together in various shapes.



Hexadecimal Puzzle

(Binary Arts, 703 Timber Branch Dr., Alexandria, VA 22302; \$58 postpaid) is a nicely crafted cherry wood puzzle with 16 different challenges. Select one by setting each of four levers to one of two possible positions. Then try to remove the sliding block from the base. This means switching the eight bars attached to the block to new positions. But a bar can be switched only when certain other bars match the levers. Depending on your starting position, it will take from eight to 170 switches to solve the puzzle.



Longman Anagram Dictionary

by R. J. Edwards (Longman Group Ltd., 1985, 1040 pages hardcover, \$14.95)

and **Longman Crossword Key** by Evelyn Marshall (1982, 1209 pages hardcover, \$12.95) are designed to help struggling crossword solvers, but will interest word game players and logophiles, too. Both books list entries from 3 to 15 letters: The Crossword Key orders them by position of a given letter (e.g., the list of eight-letter words with Q fourth has 31 words, from ADEQUACY to VANQUISH); the Anagram Dictionary (designed especially for solving British cryptic crosswords) alphabetizes the letters of the word or phrase. Thus, STEAMBOAT appears under AABEMOSTT, while the next entry, AABEMRRSS, leads to both BEARS ARMS and EMBARRASS.



Prismagic No. 2 (Hallmark Cards, around \$15) is the meanest 500-piece jigsaw puzzle we've ever seen. Assembled, it forms a reflective gold-colored pattern of little circles that reveal rainbowlike bursts of light when tilted or viewed up close. Using sunglasses while working on it may cut down on dizziness.

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Last Word (Milton Bradley, around \$1

Strategy is more important than vocabulary in game, which challenges you not only to make mately to prevent opponents from making their a 10 x 10 plastic grid made up of 92 letter squares. Before starting, players randomly letter tiles face up on the letter squares, leaving squares uncovered. Then, in turn, each player moves a pawn from square to adjacent square, spelling a word. Each tile used in the word is taken and stored in a rack in front of the player. The next player moves a pawn from square to adjacent square, spelling a word. Each tile used in the word is taken and stored in a rack in front of the player. The next player moves a pawn from square to adjacent square, spelling a word. Each tile used in the word is taken and stored in a rack in front of the player.

After a player makes a word, he leaves his last square used to make the word and starts his next turn. Empty squares may not be entered so movement becomes more and more restrictive as the game progresses.

The game ends when players can no longer move. Each letter tile scores one point, and the player who makes the last word of the game receives a five-point bonus. A player who makes a play that cuts off another player's pawn from moving loses a letter tile, thereby depriving that player of a five-point bonus.

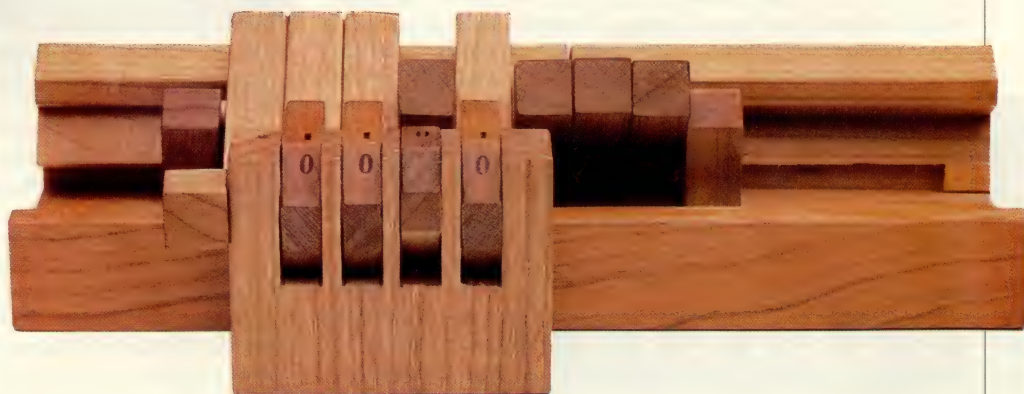
ETCETERA

Stockdale Super Square (available from Kadon Enterprises, 1227 Lorene Drive, Suite 16, Pasadena, MD 21122, \$28 postpaid) is a set of 36 laser-cut acrylic pieces with heart-shaped interlocking patterns. The pieces are provided for several different competitive games. The pieces are provided for several different competitive games. The pieces are provided for several different competitive games.



Hexadecimal Puzzle

(Binary Arts, 703 Timber Branch Dr., Alexandria, VA 22302; \$58 postpaid) is a nicely crafted cherry wood puzzle with 16 different challenges. Select one by setting each of four levers to one of two possible positions. Then try to remove the sliding block from the base. This means switching the eight bars attached to the block to new positions. But a bar can be switched only when certain other bars match the levers. Depending on your starting position, it will take from eight to 170 switches to solve the puzzle.



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philosophies, too. Both books list entries from 3 to 15 letters: The Crossword Key orders them by position of a given letter (e.g., the list of eight-letter words with Q fourth has 31 words, from ADEQUACY to VANQUISH); the Anagram Dictionary (designed especially for solving British cryptic crosswords) alphabetizes the letters of the word or phrase. Thus, STEAMBOAT appears under AABEMOSTT, while the next entry, AABEMRRSS, leads to both BEARS ARMS and EMBARRASS.



Prismagic No. 2 (Hallmark Cards, around \$15) is the meanest 500-piece jigsaw puzzle we've ever seen. Assembled, it forms a reflective gold-colored pattern of little circles that reveal rainbowlike bursts of light when tilted or viewed up close. Using sunglasses while working on it may cut down on dizziness.

PHOTOGRAPHS BY STAN FELLEMAN

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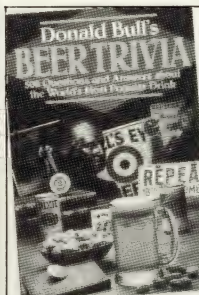
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Animals	Remember this?
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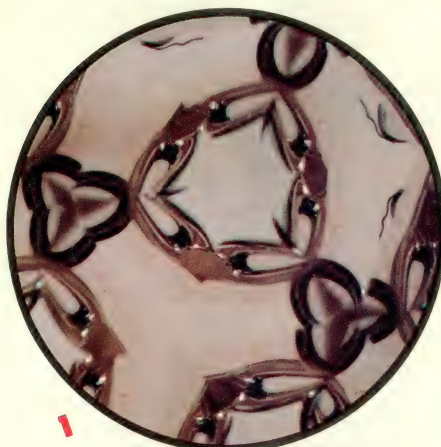
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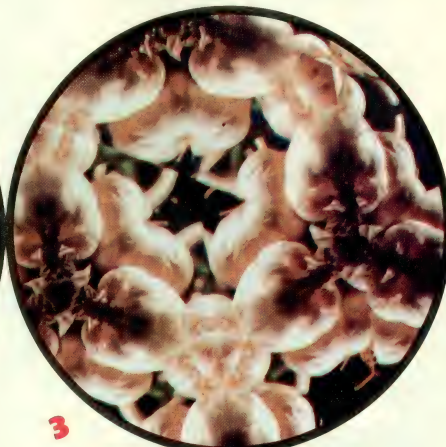




1



2



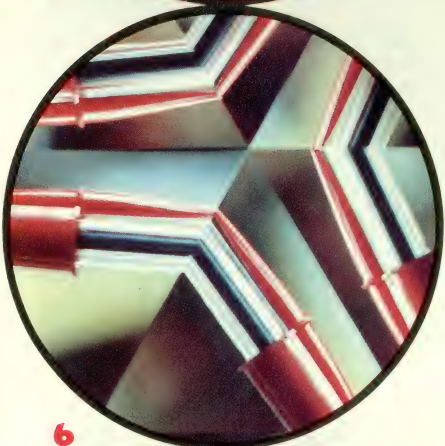
3



4

Even the most common object looks magical when photographed through a kaleidoscope. Can you identify the nine items here?

Answer Drawer, page 60



6



7



8



9

kaleidoscopes

GAMES CONTEST ★★

Grand Prize
\$6 for each point in
your total score
5 Runner-Up Prizes
A GAMES T-shirt



Create your own "Six-Pak" of different letters, and find the longest word starting with each letter.

If you're a wordplay buff, this "Six-Pak" contest should quench your thirst for fresh challenges.

Place six different letters of the alphabet in the circles of the grid at far right, one letter per circle. Find the longest word that begins with each of those six letters and that can be spelled out by moving from letter to adjacent letter. In spelling out a word, you may repeat a letter by returning to it more than once, and you may double a letter by remaining on it instead of moving.

For instance, with letters chosen as shown in the example that follows, you can spell the word PEPPERED by using the P four times (this includes remaining on it once to double it) and the E three times. On the other hand, the word ORDER cannot be formed, because the R and the D are not touching.

Example



Word	Score
1. VOODOO	6
2. ODOR	4
3. REDDER	6
4. DEEPER	6
5. ERODED	6
6. PEPPERED	8
Total Score	36

Scoring Your score is the sum of the number of letters in each of your words. The example contains one four-letter word, four six-letter words, and one eight-letter word, for a total score of 36.

Acceptable words To be acceptable, a word must be recognized by *Webster's Third New International Dictionary (Unabridged)*, where the word must either be listed in boldface or be an inflected form of a boldface entry. Comparative and superlative forms of

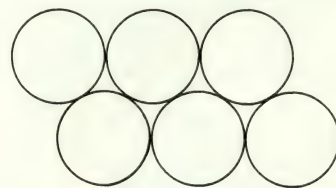
adjectives are acceptable only if specified after a boldface entry; but noun plurals and verb forms are acceptable if clearly implied by the inflectional patterns of related words. Words may contain accent marks. A word is not acceptable if it (1) is composed of two or more component parts separated by a space, or appears only as such a component part; (2) contains an apostrophe, hyphen, or period; (3) is designated only as capitalized or usually capitalized; (4) is listed only as an abbreviation or symbol; or (5) appears only in the Addenda.

Winning The entry with the highest score wins. Ties, if any, will be broken by random draw.

Entering Send us your completed grid and list of words, using the grid below or a facsimile, together with your total score, name, and address. **IMPORTANT:** If you send your entry in an envelope (rather than on a postcard), you must write your score on the back of your envelope and circle it.

—Bonny Accrin

Mail your entry to: Six-Pak, GAMES Magazine, 515 Madison Ave., New York, NY 10022. Entries must be received by February 3, 1986.



Word **Score**

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Total Score _____

CONTEST RESULTS

CLASH OF SYMBOLS

From July

We received more than 1,300 entries in this challenge full of chuckles, the object of which was to report the conversational exchanges overheard among various letters of the alphabet, punctuation marks, musical notes, mathematical signs, and the like.

As we should have known, an extraordinary amount of this symbolic repartee was witty, wonderful, and worthy of prizes.

Even after increasing the number of T-shirt winners from five to 12, many

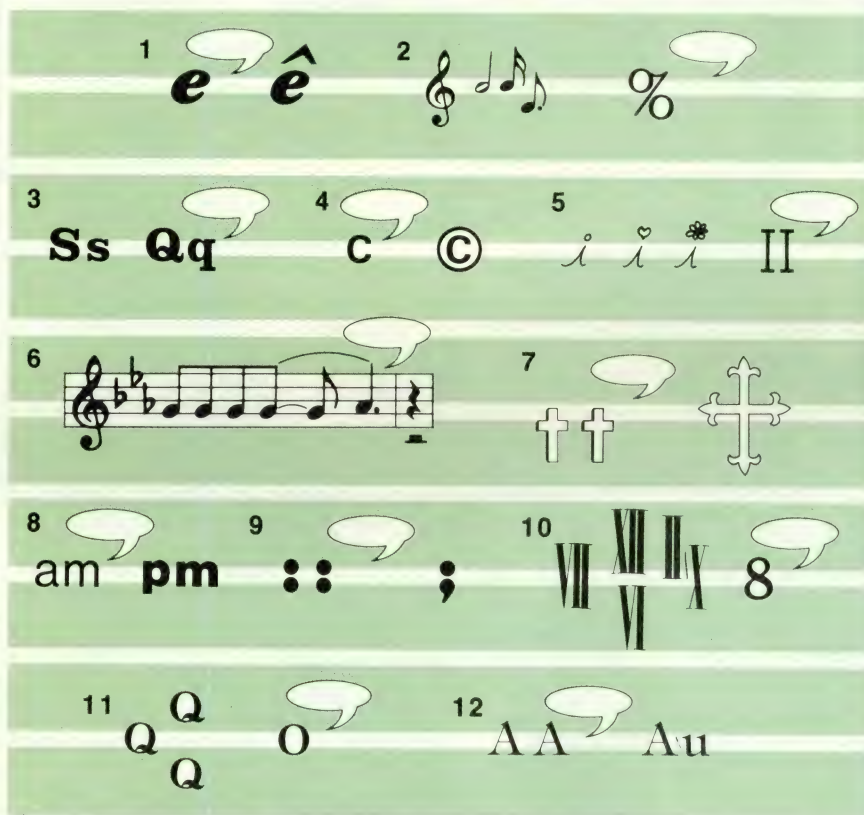
good entries had to be reluctantly discarded. To everyone who entered, congratulations. To Alfred Keuter of Santa Cruz, California, winner of the Brother Electronic Correctible Typewriter grand prize, special kudos. His winning entry is reproduced here:

REMEMBER WHEN
WE WERE FIRST DATING.
NORA?

m nn

The 12 runner-up entries appear below in the form of a mix-and-match puzzle.

—M. E. S.



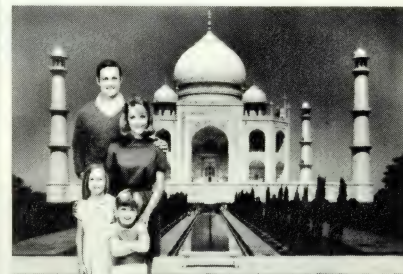
GO FIGURE ★☆ Enter the pertinent saying, selected from the lettered choices below (a-l), in the proper balloon above.

Answer Drawer, page 58

- | | |
|--|---|
| <p>a. "I'll meet you at 12:00."
—A. E. Delozier, Trenton, NJ</p> <p>b. "You guys need an agent!"
—Carl Markwalt, Carteret, NJ</p> <p>c. "He may be short, but she married well."
—Dona M. Good, Orange City, FL</p> <p>d. "Talk about your holier-than-thou attitudes!"
—Ben Gottlieb, McLean, VA</p> <p>e. "Nobody told me it was a toga party."
—Jocelyn Allen, San Diego, CA</p> <p>f. "Haven't you ever seen a Manx cat before?"
—Rosalie Moscovitch, Montreal, Quebec</p> | <p>g. "I like it. It's got a certain <i>je ne sais quoi</i>."
—Michael J. Rudolf, Beachwood, NJ</p> <p>h. "Here come those silly girls again."
—Dana Criswell, New Orleans, LA</p> <p>i. "Dad, was I adopted?"
—Angela Bryant, Willowdale, Ontario</p> <p>j. "Be patient dear. We're almost at a rest area."
—Tammy Visser, Homestead A.F.B., FL</p> <p>k. "I heard he had intestinal surgery."
—Jerry Dessinger, Redondo Beach, CA</p> <p>l. "I'm still looking for a publisher."
—Robyn Hanrahan, Salem, OR</p> |
|--|---|

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—Matt Costello, Game News



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☆☆ WILD CARDS ☆☆

Edited by Mike Shenk

WORDPLAY

Bowl Game

Here's a puzzle to try during a time-out: turn ROSE into BOWL in four steps by changing one letter at each step to get a common, uncapitalized English word. The order of letters may not be changed.

—Trip Payne

Answer Drawer, page 62



TOUGH NUTS

New Year's Math

Calling all math experts: Can you find a mathematical expression equal to 1986 using only the following symbols?:

three 3's
two •'s
two 1's

—R. W. S.

Answer Drawer, page 62

TRIVIA

Captains Outrageous

You could sail the seven seas for years and never bump prows with the seven captains clued at right. That's because they're not associated with ships, but with TV shows, comic books, and other forms of pop culture. So, mateys, can you name them?

1. Who would have named Mr. Greenjeans his first mate?
2. Who would have boldly sailed where no ship had gone before?
3. Who would never have left port without eating breakfast?
4. Who would have named his ship the *S.S. Shazam*?
5. Who would have docked at the Hill Street port?
6. Who would have sung along with "Gulls Just Want to Have Fun"?
7. Who would have equipped his crew with secret decoder rings?

—R. L.

Answer Drawer, page 62

TWISTS

Extra! Extra!

These fictitious headlines are actually nursery rhymes or fairy tales in disguise. Can you read between the lines and name the source?

1. REMOTE COUNTRY HOME VANDALIZED BY BLONDE
2. FRIENDLESS WAIF ADOPTED BY GROUP OF MINERS
3. BROWBEATEN GIRL COURT-ED BY ROYAL HEIR
4. SERIOUS OVERCROWDING DISCOVERED IN UNIQUE DWELLING
5. KISSING BANDIT CHASED BY GANG OF YOUTHS
6. EXCLUSIVE "ON THE ROAD" INTERVIEW WITH POLYGAMIST AND ENTOURAGE
7. VEGETARIAN'S WIFE HELD CAPTIVE IN UNUSUAL "JAIL"

—Raymond C. Lockhart

Answer Drawer, page 62

FOR THE RECORD

The B Teams

The Tampa Bay Buccaneers and the Chicago Bulls are two of the 12 major league football, basketball, and baseball teams whose names begin with the letter B. How many of the others can you list?

—Doug Putnam

Answer Drawer, page 62

NUMBER PLAY

Sticky Problem

A man gave the post office clerk a \$10 bill and said, "I want some 22¢ stamps and three times as many 14¢ stamps. Give me my change in coins, half of them pennies and half quarters." How many of each stamp did he want?

—S. M.

Answer Drawer, page 62

LIST DEPT.

What's My Line?

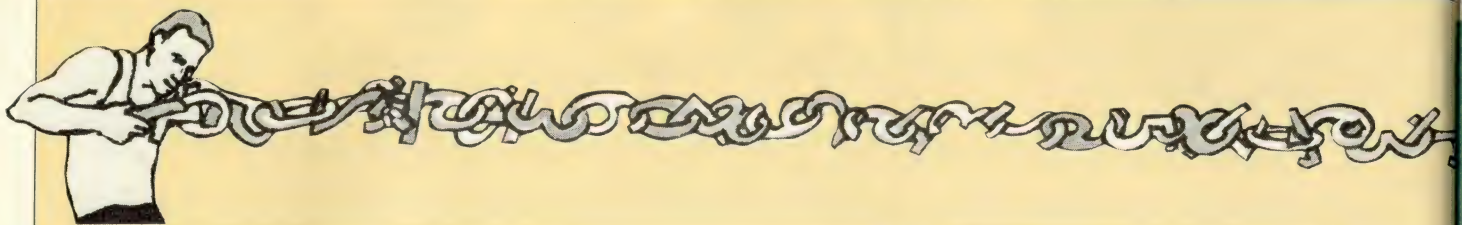
If NOW AND THIN is the name of a reducing salon, can you match each imaginary business name below (1-8) with its service or product (a-h)?

1. THE HITCHING POST
2. TIME OUT
3. PICK OF THE LITTER
4. SOLE BROTHERS
5. TIC TAC
6. COINUCOPIA
7. THIS BUD'S FOR YOU
8. THE SPOKESMAN

- a. Shoe store
- b. Video game store
- c. Wedding chapel
- d. Bicycle shop
- e. Garbage collection agency
- f. Towing service
- g. Watch repair shop
- h. Flower shop

—Raymond D. Love

Answer Drawer, page 62



FOR THE RECORD

Prizewinners

Everyone knows that Oscar is the affectionate name for the Academy Award statuette. But other prizes also have nicknames. Can you match up the awards (1-8) to some former winners (a-h)?

—Louis Phillips

Answer Drawer, page 62

- | | |
|-----------|--------------------|
| 1. Hugo | a. Ellery Queen |
| 2. Patsy | b. Milton Caniff |
| 3. Edgar | c. Bill Blass |
| 4. Coty | d. Bonzo |
| 5. Emmy | e. Elton John |
| 6. Tony | f. Bob Fosse |
| 7. Reuben | g. Walter Cronkite |
| 8. Grammy | h. Isaac Asimov |

LOGIC

After-Dinner Death

Dr. Harlan Whitneedle, renowned private investigator, was staying at the country estate of Sir James Willoughby on the evening that Sir James, rather unwisely, announced at dinner that he was cutting someone out of his will. Sure enough, the next morning Sir James was found slumped over the desk in his study, having been fatally stabbed with a paper-knife.

Dr. Whitneedle immediately began questioning all the suspects to discover who had seen the victim last. Here are their statements, all of which are true:

His long-time friend, Harold, said: "I went to the study to show Sir James a first edition I bought yesterday. He kept it to examine more closely."

Lady Agatha Willoughby said: "I borrowed the evening newspaper from my husband. There was no paper-knife present at that time; I would have remembered it."

Donald, the son of the deceased said: "I did not have coffee with my father. When I went to the study he was reading the newspaper and smoking a cigar. He showed me Harold's first edition."

Cecelia, Sir James's daughter, said: "I went to return the newspaper Mother had borrowed."

Billings, the butler, said: "As was usual after dinner, I brought the coffee service to the study. Sir James was at his desk reading the evening newspaper."

Ellen the maid, said: "I only went in to clear the coffee service. I did see that four cups had been used."

Giles, the brother of the murdered man, said: "Since there was no coffee when I went to the study, we had brandy together. I wanted to look at the newspaper, but it was not in the room."

Florence, Sir James's niece, said: "Certainly I recognize the paper-knife. My uncle brought it out when we were having coffee together. I noticed that one other cup had been used."

Dr. Whitneedle's incisive brain immediately determined who was the last person to visit Sir James and thus was his murderer. Can you list Sir James's eight visitors in order, and determine which one was the killer?

—Carol Eastman

Answer Drawer, page 62

TWISTS

Hair-Raising Riddles

The riddles below may sound like they were written by Stephen King, but they are merely descriptions of everyday inanimate objects that might be found around any household. Can you guess what they are?

The Flesh Eaters

Named for the sound they make when foraging for human flesh, these beasts are nearly indestructible. With a thin body, rows of sharp teeth, and a mobile proboscis, each has the ability to strike out at the fleshy portions of the human anatomy. Anyone bitten by one of these monsters knows the immeasurable pain that follows an attack.

Who are these indiscriminate flesh eaters?

Crunch!

You've heard the sounds of their tiny bodies crunching under the weight of your foot. Needlessly coming in many colors and innocent-looking shapes that resemble circles, stars, and such, they invade small pools of water that a dog or cat may drink from, leaving their bloated carcasses at the bottom of the bowl.

What are these mindless creatures that lurk underfoot?

Wanted

Of all the things that society accumulates, the clear critters are the worst offenders. Running around in groups of six, they raise havoc on the byways of America. Indoors, they hide in dark recesses, reproducing themselves at an alarming rate. When upset they roll around frothing at the mouth, spreading a sweet, sticky fluid in every direction. Longstanding rewards are offered for their capture.

Who are these dangerous outlaws?

—Rich Watson

Answer Drawer, page 62

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- meteor anger.
- Myna taste allegorists praise to be treasons in the optical.
 - The pertain dues his shrub to drapes stokers in clarets and magnate silo. —M.S.

Answer Drawer, page 62

TRIVIA

Catchphrases

Can you identify these classic TV game shows from a single catchphrase?

- "Question form."
- "Ready, here's your first subject, GO!"
- "Dumb Dora said . . ."
- "Come on down!"
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- "Door number one, door number two, or door number three?"
- "Enter and sign in, please."
- "Here's the special prize chosen just for you."
- "The survey said . . ."
- "Would the real Jim Nasium please stand up?"
- "Bachelorette #1, say hi to Bob."
- "George Gobel to block."

—Andrew Leighton

Answer Drawer, page 62

supreme court reports is animated with or sponsors the game.

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(TEST YOUR I.Q. AND FIND OUT!)

- The following letters consist of three words which have been jumbled together. They all bear some relation to each other. Unscramble them:
B T R A I H S I M N A N K R T
- The following word, when unscrambled, will tell you what you have been doing:
I O C T T G N A I G

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Answers:

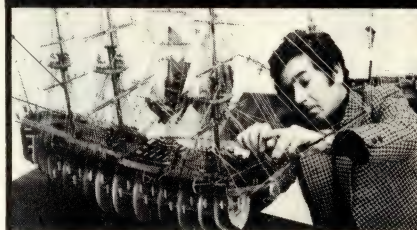
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FOR THE RECORD

Prizewinners

Everyone knows that the affectionate name for the Award statuette. But we also have nickname match up the awards (former winners (a-h)?

—L
Answer D

LOGIC

After-Dinner Dec

Dr. Harlan Whitneedle, renowned private investigator, was staying at the country estate of Sir James Willoughby on the evening that Sir James, rather unwisely, announced at dinner that he was cutting someone out of his will. Sure enough, the next morning Sir James was found slumped over the desk in his study, having been fatally stabbed with a paper-knife.

Dr. Whitneedle immediately began questioning all the suspects to discover who had seen the victim last. Here are their statements, all of which are true:

His long-time friend, Harold, said: "I went to the study to show Sir James a first edition I bought yesterday. He kept it to examine more closely."

Lady Agatha Willoughby said: "I borrowed the evening newspaper from my husband. There was no paper-knife present at that time; I would have remembered it."

Donald, the son of the deceased said: "I did not have coffee with my father. When I went to the study he was reading the newspaper and smoking a cigar. He showed me Harold's first edition."

Cecelia, Sir James's daughter, said: "I went to return the newspaper Mother had borrowed."

Billings, the butler, said: "As was usual after dinner, I brought the coffee service to the study. Sir James was at his desk reading the evening newspaper."

Ellen the maid, said: "I only went in to clear the coffee service. I did see that four cups had been used."

Giles, the brother of the murdered man, said: "Since there was no coffee when I went to the study, we had brandy together. I wanted to look at the newspaper, but it was not in the room."

Florence, Sir James's niece, said: "Certainly I recognize the paper-knife. My uncle brought it out when we were having coffee together. I noticed that one other cup had been used."

Dr. Whitneedle's incisive brain immediately determined who was the last person to visit Sir James and thus was his murderer. Can you list Sir James's eight visitors in order, and determine which one was the killer?

—Carol Eastman

Answer Drawer, page 62



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ten by one or these monsters knows the immeasurable pain that follows an attack.

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Answer Drawer, page 62



WORDPLAY

Be Sensible

Take our word for it—you can make sense out of the nonsensical sentences below. By leaving the words in their present order and anagramming each word of four letters or more, you'll construct a cogent thought. For instance, "The unclear creator is the course of chum peach greeny" becomes "The nuclear reactor is the source of much cheap energy."

1. Do spoilt eden plaices silen-ces to fly percussion panels?
2. Few enumerations veer ad-verb the eighths speak in the meteor anger.
3. Myna taste allegorists praise to be treasons in the optical.
4. The pertain dues his shrub to drapes stokers in clarets and magnate silo.

—M.S.

Answer Drawer, page 62

TRIVIA

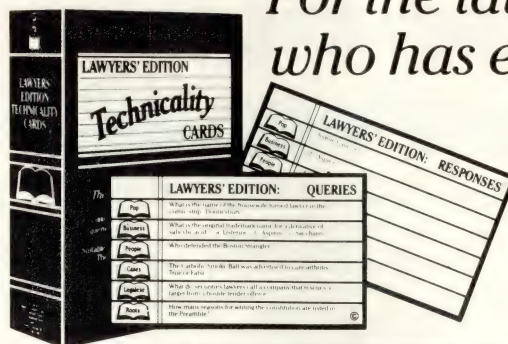
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10. "Would the real Jim Nasium please stand up?"
11. "Bachelorette #1, say hi to Bob."
12. "George Gobel to block."

—Andrew Leighton

Answer Drawer, page 62



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Answers:

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ANSWER DRAWER

6 Letters

Son of Fractured Flicks

1. *Singin' in the Ruin*
2. *The Spy Who Loved Ma*

Minds Gone "Blank"

Over and above
Trials and tribulations
East and west
Forgive and forget
Rise and shine
Rock and roll

4 Your Move

Word Squeeze

1. The four seasons: spring, summer, winter, autumn
2. The reporter's six questions: who, what, when, where, why, how
3. The four elements (in medieval alchemy): earth, air, fire, water
4. The Seven Dwarfs: Sleepy, Happy, Grumpy, Doc, Bashful, Sneezy, Dopey
5. The ten digits: zero one, two, three, four, five, six, seven, eight, nine
6. Chessmen: king, queen, rook, bishop, knight, pawn
7. Automobile gearshift positions: park, reverse, neutral, drive, low

Indian Givers

1. Iowa; 2. Connecticut; 3. Wyoming; 4. Wisconsin; 5. Alaska; 6. Michigan; 7. Alabama; 8. Kentucky; 9. Tennessee; 10. Texas

Take Notes

1. Dodo
2. Fare
3. Redo
4. Sore
5. Mimi
6. Retire
7. Laredo
8. Mire
9. Sofa
10. Tire

53 Go Figure

1-g; 2-b; 3-i; 4-l; 5-h; 6-j; 7-d; 8-a; 9-k; 10-e; 11-f; 12-c

36 Double Cross

- | | |
|------------------|-------------------|
| A. MINOS | M. THE GHOST |
| B. YETI | WRITER |
| C. REWEAVE | N. EBB TIDE |
| D. IMPEDE | O. REPUTE |
| E. CHINATOWN | P. ANDREW JACKSON |
| F. KRISTOFFERSON | Q. ROBERT |
| G. LEVITATE | R. YOUNG |
| H. ACHIEVED | S. MADDING CROWD |
| I. NAVIES | T. AFFIXES |
| J. DEEP-DISH | U. YES-MEN |
| K. LAZY SUSAN | V. HODGEPIDGE |
| L. ISSUE | W. ETHOS |
| | X. MESHES |

When James A. Michener published his eight hundred sixty-five page novel *Chesapeake* . . . a *Newsweek* reviewer offered the magazine's readers two suggestions: "My best advice is don't read it; my second best is don't drop it on your foot."—Myrick Land, (*The Fine Art of*) *Literary Mayhem*

43 Final Curtain

Eleanor is the murderer. Jealous of Forrest's backstage visits with Arlene, she replaced the blanks with bullets.

Stella Brandt caught on quick. Looking in Delia's dressing room mirror during their interview, she noticed Forrest heading up the hall toward Arlene's office, and later, on stage, she spotted boa feathers from Arlene's wrap on his clothing.

When Eleanor first left her dressing room to change the blanks, she was startled to see Chris's door open. Clearly she didn't want to be seen heading toward the stage, so she camouflaged her intent by asking Chris for matches that she didn't need. Chris gave her a blue matchbook, but later Stella noticed she had a nearly full red matchbook in her dressing room.

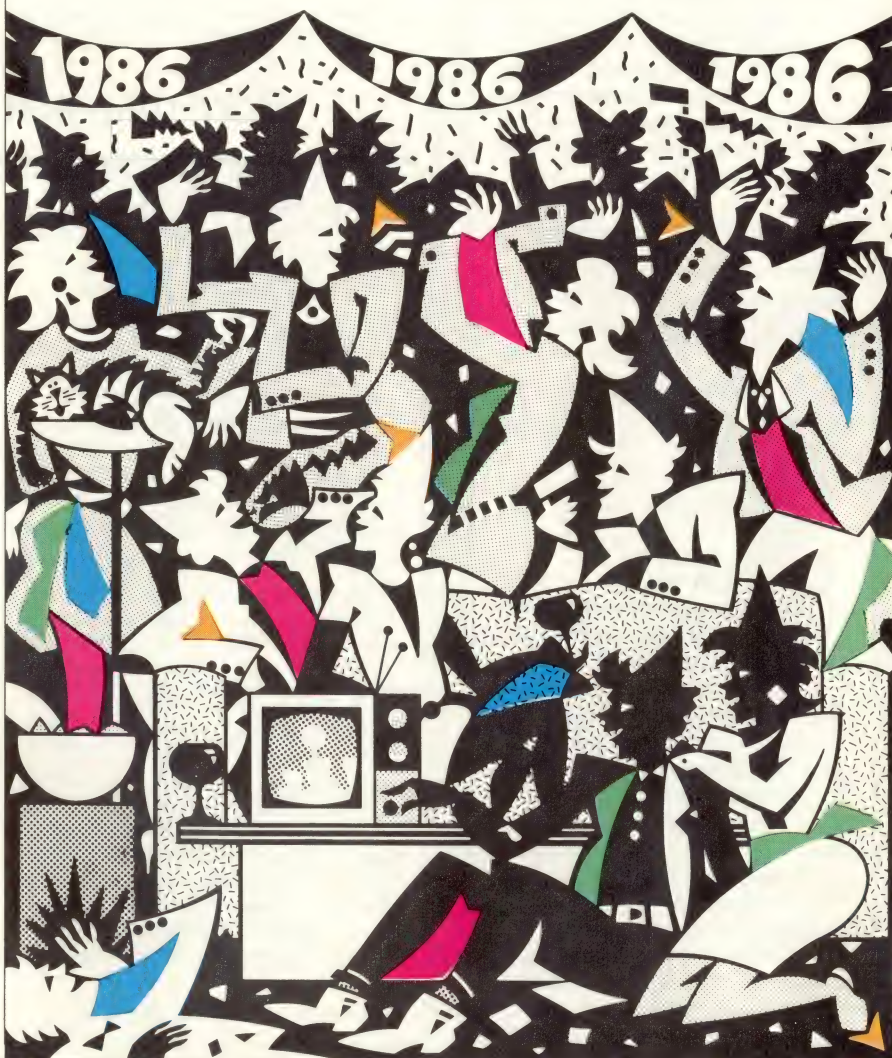
Returning to her dressing room, Eleanor tapped on the connecting door to Forrest's room (marked on the Fire Exit floorplan and similar to the door be-

tween Chris and Delia's rooms). When she got no reply, she went through his dressing room to the hall and from there to the stage (this exit was not in the line of vision of Chris's dressing room). In doing so, she left Forrest's door slightly ajar. Quickly replacing the blanks, she hurried back into Forrest's room, shutting the door behind her, while Stella was consulting with Basil. By the time Stella knocked on her dressing room door, Eleanor was back, out of breath from her endeavors, a state she attributed to "aerobics." In her haste to get back from the stage, she closed the connecting door on her jacket sleeve.

Thanks to Stella's keen observations, the police got the murderer, Eleanor got 20 years, Chris and Delia got the lead roles, Arlene and Basil got a divorce, and Stella? She got the biggest story of her career.

28 Search Party

The sets of items are shown in matching colors.



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ne moment you're slipping the first disk of The Enchanter Trilogy in your computer—the next you're a novice magician, chosen by fate to battle an evil that threatens the very foundations of magic. And since you're the main character, every decision you make will determine the story's outcome. Suppose, for instance, that when faced with a giant fire-breathing dragon you decide to cast a *nitfol* spell, which allows you to converse with beasts in their own tongue. You simply type, in plain English:

`>CAST THE NITFOL SPELL ON THE DRAGON`

And the story responds:

`THE DRAGON PAUSES AND ROARS OUT A BENEVOLENT GREETING, WHICH, TO YOUR CHAGRIN, FRIES YOU TO A DELICATE CRISP. YOU HAVE DIED.`

Suppose, on the other hand, you decide to invoke a spell that quenches open flames:

`>CAST THE GONDAR SPELL ON THE DRAGON`

In that case the story responds:

`THE DRAGON'S FLAME IS DOUSED IN A TORRENT OF RUSHING WATER. IT DISAPPEARS WITH A TORTUOUS SCREAM.`

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N	E	W	T	S		A	D	E	S	E	R	I

27 Marksmanship

D	E	N	T		C	L	I	M	B		A	S	I	N
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T	A	L	E	S		R	C	A		S	I	B	S	
A	M	O	R	E		P	A	L	L		D	U	E	
H	I	T	S	T	H	E	B	U	L	L	S	E	Y	E
O	T	T			O	K	I	E		E	A	S	E	D
E	Y	E	S		R	E	D		P	A	N	T	R	Y
				P	A	R			W	A	N	D		
A	S	T	O	R	I	A		I	C	E	B	O	A	T
P	O	I	N	T	B	L	A	N	K	R	A	N	G	E
S	A	N	G		L	A	N	C	E		G	E	E	S
E	P	E	E		E	N	T	E	R		S	I	D	S

40 Alphabet Soup

1. Cherry (CHAIR + E)
2. Pecan (P + CAN)
3. Seesaw (C + SAW)
4. Acorn (A + CORN)
5. Belief (B + LEAF)
6. Treaty (TREE + T)
7. Entire (N + TIRE)
8. Pansy (PAN + Z)
9. Elfin (L + FIN)
10. Extent (X + TENT)
11. Organdy (ORGAN + D)
12. Croquet (CROW + K)
13. Esquire (S + CHOIR)
14. Unite (U + KNIGHT)
15. Piccolo (PICKLE + O)

51 Eyeball Benders

1. Scissors
2. Stove burner
3. Heads of garlic
4. Steam iron
5. Dishwashing brush
6. Ballpoint pen
7. Walnuts
8. Juicer
9. Ear of corn

The photographer, Cary "Peach" Reynolds, built a special mirrored camera lens to produce the kaleidoscopic effect. His kaleidoscope company, Kaleidivisions, is located at 509 Hearn, Austin, TX 78703.

20 The Year in Review

- A. Tina Turner, Mick Jagger, and Bruce Springsteen at the Live Aid concert (July 13, 1985). The two errors are:
1. Springsteen did not appear at the concert.
 2. The photo has been reversed, so that Springsteen is playing his guitar left-handed.
- B. Prince Charles and Princess Diana with their son, Prince William (March 20).
1. Prince William has been transformed into a girl.
 2. Prince Charles is sporting a mustache and muttonchop whiskers.
- C. The Discovery Crew after a practice countdown for Shuttle Mission 51-D (March 30).
1. The crew is on the surface of the moon.
 2. Astronaut Rhea Seddon is wearing the latest in astro-skirts.
- D. Boris Becker's win at Wimbledon (July 7).
1. The handle of Becker's tennis racket has been elongated.
 2. Becker is wearing long pants.
- E. Pete Rose's 4,192nd base hit (September 6).
1. Cincinnati is misspelled on Rose's uniform.
 2. Rose is holding a long-stemmed rose.
- F. Sally Field and F. Murray Abraham after receiving their Academy Awards (March 25).
1. Field and Abraham are holding Emmys.
 2. Field is wearing a brooch on her chest.
- G. Konstantin Chernenko meeting with Party officials. (February 28).
1. Chernenko is a cardboard cut-out.
 2. He is wearing an American flag pin on his lapel.
- H. President Reagan's private inauguration (January 20).
1. The First Lady is holding the Yellow Pages instead of a Bible.
 2. Chief Justice Burger is wearing a yarmulke.

Photo credits: Mick and Tina by David Seelig/ Star File; Bruce Springsteen by A. J. Pantsios/ Star File; Charles and Diana, Pete Rose, moon surface, and Reagan inauguration from UPI/ Bettmann Newsphotos; space shuttle crew, Boris Becker, and Oscar night from Wide World photos; Chernenko from Reuters/ Bettmann Newsphotos; Emmy awards from Movie Star News.

Photo retouching by Bob Rakita.

37 Business Connections

1. Spirits (séance leader, bartender)
2. Tumbler (bartender, locksmith)
3. Safe (locksmith, baseball umpire)
4. Diamond (baseball umpire, jeweler)
5. Ring (jeweler, boxer)
6. Hook (boxer, fisherman)
7. Tackle (fisherman, quarterback)
8. Pass (quarterback, bridge player)
9. Spade (bridge player, gardener)
10. Plot (gardener, novelist)
11. Story (novelist, architect)
12. Column (architect, reporter)
13. Scoop (reporter, ice cream vendor)

30 Is That a Fact?

1. JUNGLE GYMS. In the first Tarzan movie, all of the monkeys were played by football players from the New Orleans Athletic Club.
2. POLITICAL TIES. Former president Richard Milhous Nixon is the ninth cousin of Leka I, the exiled king of Albania.
3. MUSICAL CHAIRMAN. The first million-selling single in China was "Sing Along With Mao," featuring extracts from the premier's quotations.
4. SPEAK UP. Crocodiles' ears are so buried under thick, scaly skin that they can hear only with their mouths open.

Amazing fact #4 is the phony.

35 Cryptic Crossword 1

ACROSS

- 1 Comedy (Cody + me)
- 4 She-devil (shed + evil)
- 9 Annal (Anna + l)
- 10 Lacerates (lace + rates)
- 11 Boot Hill (Booth + ill)
- 12 Crusoe (course)
- 14 Khan (darK HANdsome)
- 15 Disclose (disc + lose)
- 19 Keynotes (Key notes)
- 20 Char (chart - t)
- 23 Locust (clouds)
- 25 Surgeons (sons + urge)
- 27 Menagerie (me + nag + Erie)
- 28 Icier (rice l)
- 29 Sweetest (we tsetse)
- 30 Stance (oldeST ANCEstors)

DOWN

- 1 Clambake (lamb + cake)
- 2 Menlo Park (men + lop + ark)
- 3 Delphi (I'd help)
- 5 Hick (chick - c)
- 6 Darkroom (mark door)
- 7 Votes (salVO TEST)
- 8 Lashed (lad + she)
- 10 Lollipop (pill + loop)
- 13 Schedule (clues he'd)
- 16 Ethiopian (I + the piano)
- 17 Eyesight (eight + yes)
- 18 Preserve (P + Revere's)
- 21 Clamps (C + lamps)
- 22 Egoist (stogie)
- 24 Canoe (O + cane)
- 26 Pros (prose - e)

35 Cryptic Crossword 2

ACROSS

- 1 Chemical (chic meal)
- 6 Pshaw (Shaw)
- 10 Hideous (hideouts - t)
- 11 Tornado (too darn, & lit.)
- 12 Obese (earLOBES Especially)
- 13 Lorgnette (gentler to)
- 14 Tea service (teaser + vice)
- 17 As is (a + sis)
- 20 Eats (voguE AT Supper)
- 21 Second-hand (two meanings)
- 23 Shoelaces (chose sale)
- 25 Islam (I + slam)
- 27 Whoopee (hoop + wee)
- 28 Erosion (no + l + sore)
- 29 Reedy (remedy - m)
- 30 Hotheads (ho + the + ads)

DOWN

- 2 Hedge (h + edge)
- 3 Moon-eyed (moneyed + o)
- 4 C'est la vie (a vile sect)
- 5 Liter (oblITERated)
- 6 Parent (pa + rent)
- 7 Health spa (halt shape, & lit.)
- 8 Wrote (we + rot)
- 9 Throttle (two meanings)
- 15 Astrodome (most adore)
- 16 Crow's nest (scow stern)
- 18 Sediment (sent + dime)
- 19 Admit one (dominate)
- 22 Floppy (pop fly)
- 23 Sewer (two meanings)
- 24 Czech (check)
- 26 Laird (laid + r)

Fake Ad

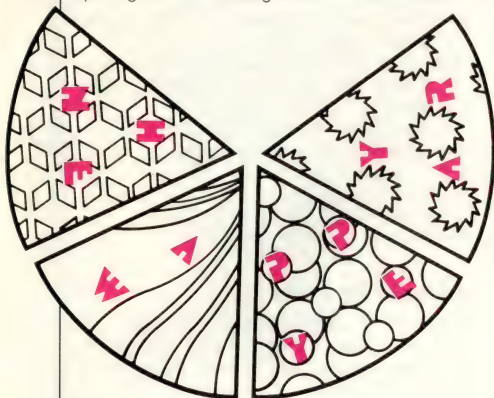
The Fake Advertisement announced in the Table of Contents was for Picture Yourself, Inc., and appeared on page 53. Photos by Frederic Lewis.

ANSWER DRAWER

22 Party Favors

Hats Off

The hats should be arranged in the order shown, spelling out the message HAPPY NEW YEAR.



Time's Up

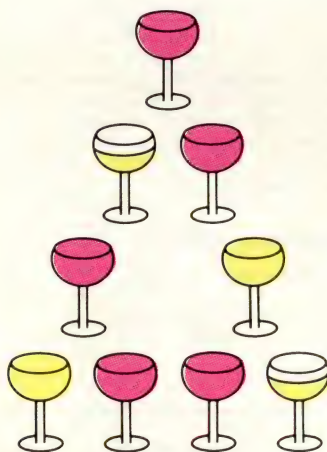
October would be on the bottom.

Another Year

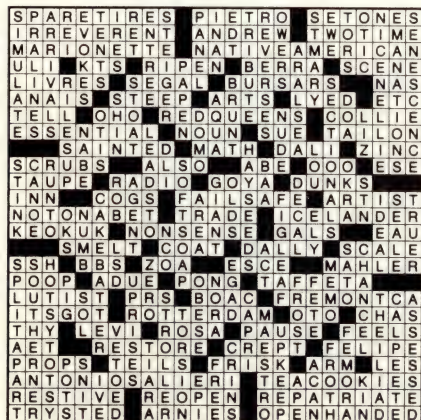
There are 40 different 1986's in the grid: 10 reading across, 10 reading down, and 20 more that can be seen if the grid is turned upside down.

Double Bubbly

Pour the contents of the lower right glass into the empty glass; then pour half the contents of the top-most gold glass into the newly emptied glass, and replace both half-full glasses in their original spots. In the new position shown, each row has two glasses of pink champagne and one and one-half glasses of gold champagne.



39 Open Corners



32 Eye-Q Test

The common factor of the boxes on the left in each set is:

1. The triangle is bigger than the circle.
2. The three white circles lie in a straight line.
3. The figures are arranged symmetrically.
4. All figures are the same color.
5. The two black squares are the same size.
6. The middle line segment bisects the angle into equal halves.

7. The two endpoints of the curve are far apart.
8. The top of the right branch is higher than the top of the left branch.
9. The two ends of the curve are roughly parallel.
10. There are more black circles than white circles.
11. There are three segments of white beads.
12. The triangle, plus sign, and circle are arranged in clockwise order.

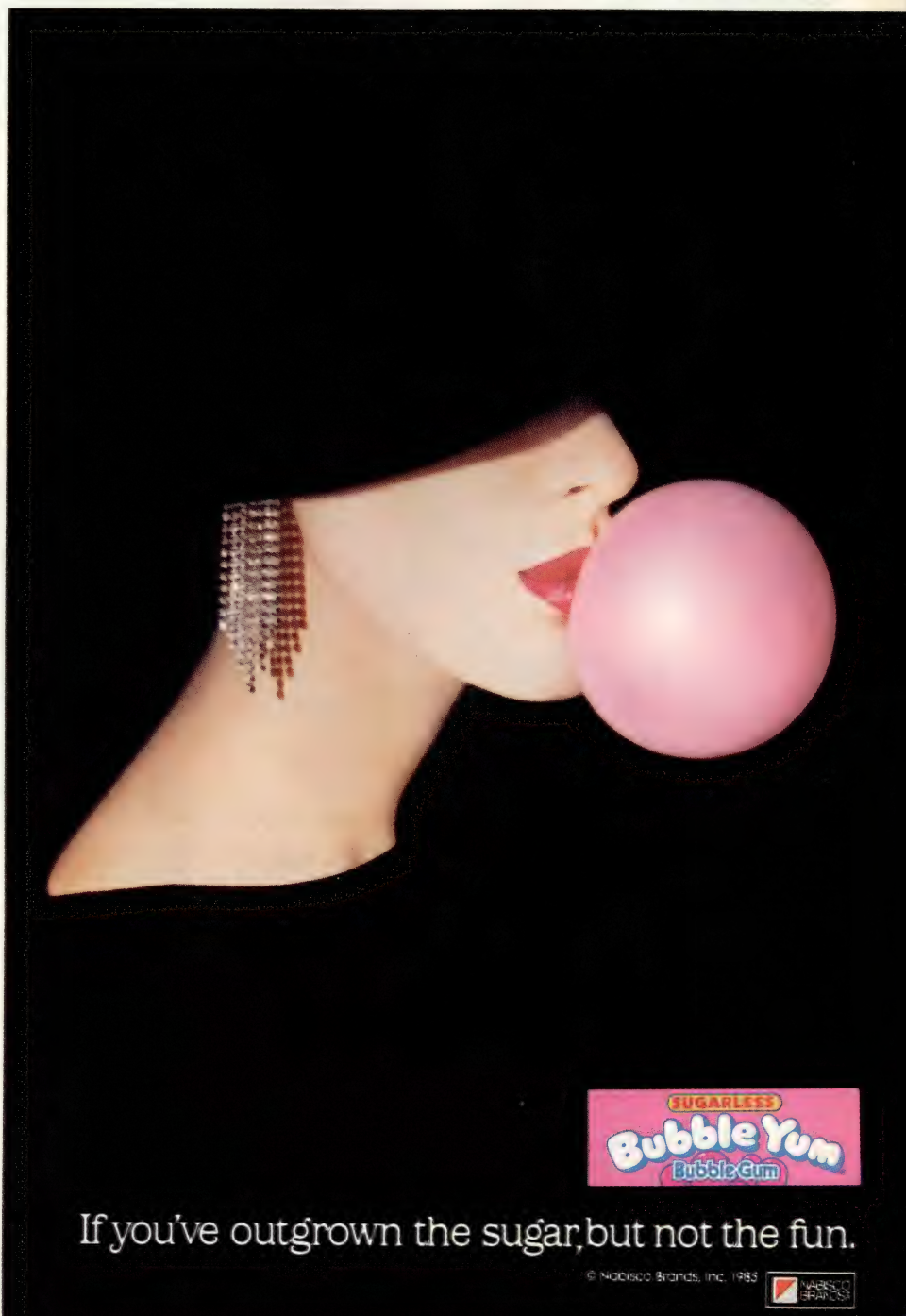
12 Magic

How did I know you would land on FIRE? Elementary, my dear reader.

10 Gamebits

Mis-Quotes of the Year

1. (d); 2. (g); 3. (h); 4. (f); 5. (b); 6. (a); 7. (c); 8. (e).

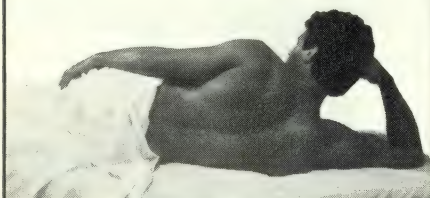


If you've outgrown the sugar, but not the fun.

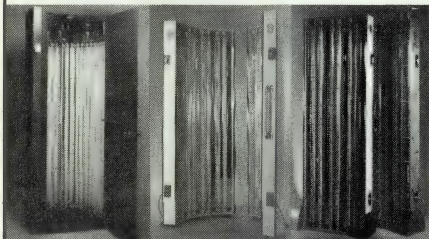
© Nabisco Brands, Inc. 1985



When the Beach
is Out of Reach™



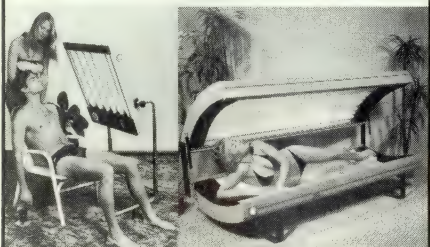
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white



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WILD CARD ANSWERS

Bowl Game

ROSE, role, roll, boll, BOWL.

Captains Outrageous

1. Captain Kangaroo (TV show)
2. Captain Kirk (*Star Trek*)
3. Cap'n Crunch (cereal)
4. Captain Marvel (comics)
5. Captain Frank Furillo (*Hill Street Blues*)
6. Captain Lou Albano (pro wrestler and friend of Cyndi Lauper)
7. Captain Video ('50s TV show)

Extra! Extra!

1. "Goldilocks and the Three Bears"
2. "Snow White and the Seven Dwarfs"
3. "Cinderella"
4. "There Was an Old Woman (Who Lived in a Shoe)"
5. "Georgy Porgy"
6. "Going to St. Ives"
7. "The Pumpkin-Eater"

The B Teams

Football:

1. Buffalo Bills
2. Chicago Bears
3. Cincinnati Bengals
4. Cleveland Browns
5. Denver Broncos

Basketball:

6. Milwaukee Bucks
7. Washington Bullets

Baseball:

8. Atlanta Braves
9. Milwaukee Brewers
10. Toronto Blue Jays

Sticky Problem

The man wanted 14 22¢ stamps and 42 14¢ stamps, costing a total of \$8.96. His change, \$1.04, was four quarters and four pennies.

New Year's Math

The answer is:

331·3!

(The exclamation point denotes a factorial: $3! = 3 \times 2 \times 1 = 6$; the dot denotes multiplication; and $331 \times 6 = 1986$.)

What's My Line?

- 1-c THE HITCHING POST (wedding chapel)
- 2-g TIME OUT (watch repair shop)
- 3-e PICK OF THE LITTER (garbage collection agency)
- 4-a SOLE BROTHERS (shoe store)
- 5-f TIC TAC (towing service)
- 6-b COINUCOPIA (video game store)
- 7-h THIS BUD'S FOR YOU (flower shop)
- 8-d THE SPOKESMAN (bicycle shop)

Prizewinners

- 1-h (The Hugo is awarded to the best science fiction novel of the year.)
- 2-d (The Patsy to an animal actor, in this case, Bonzo the ape of *Bedtime for Bonzo* fame.)
- 3-a (The Edgar to a mystery writer)
- 4-c (The Coty for fashion design)
- 5-g (The Emmy, television)
- 6-f (The Tony, theater)
- 7-b (The Reuben to a cartoonist)
- 8-e (The Grammy, recording)

After-Dinner Death

The order in which the suspects entered the study is: Billings, Agatha, Florence, Harold, Ellen, Giles, Cecelia, and Donald. Thus Donald was the murderer.

The key is the coffee: Four cups were used, so three people drank with the victim. The second was Florence, but the first and third are unknown. Since Giles and Donald didn't drink coffee, Agatha, Cecelia, and Harold are the only other possible coffee drinkers.

Giles saw no coffee. If he entered before Billings had brought the coffee in, then Agatha must have entered still earlier (to take the paper he wanted to see). And Cecelia must have returned the paper after Giles but before Billings brought the coffee (since he saw it). That would leave only one coffee drinker of the three—Harold—which is impossible. Therefore, Giles entered after Ellen had cleared the coffee.

Since Cecelia returned the paper after Giles, she was too late for coffee. The coffee drinkers must be Agatha and Harold, and since Agatha saw no paper-knife, she must have entered before Florence, and Harold entered after. Donald entered after Harold (the first edition) and after Cecelia (the newspaper), and so must have been the last person in the study and therefore the murderer.

Hair-Raising Riddles

The Flesh-Eaters—zippers
Crunch!—dry pet food
Wanted—soft drink bottles

Be Sensible

1. Do pilots need special licenses to fly supersonic planes?
2. Few mountaineers ever braved the highest peaks in the remote range.
3. Many state legislators aspire to be senators in the capitol.
4. The painter used his brush to spread strokes in scarlet and magenta oils.

Catchphrases

1. Jeopardy!
2. The \$20,000 Pyramid
3. The Match Game
4. The Price is Right
5. You Bet Your Life
6. Let's Make A Deal
7. What's My Line
8. The Newlywed Game
9. Family Feud
10. To Tell the Truth
11. The Dating Game
12. Hollywood Squares

18 Mazes By Minotaur

A Maze With Sole

The six animals are outlined below.



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This game has three exciting skill levels. The first level gives the tension and excitement of the Investor as he competes with other players to obtain a solid and complete portfolio for his investment company. The second level enters the world of the corporate raider and hostile takeovers, where investments of thousands bring revenues of millions. The third level is the most sophisticated, as the threatened holding companies have more educated defense strategies, and the full force of money and power is brought into play by all players. The three games are realistic, informative and exciting, but best of all, they are fun to play.

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	Total Amount Enclosed	

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Card # _____

Expires _____ Bank # _____

Signature _____

ANSWER DRAWER

27 Double-Takes

- | | |
|------------|------------|
| 1. Paddle | 11. Funnel |
| 2. Pretty | 12. Fooled |
| 3. Kennel | 13. Fossil |
| 4. Seeped | 14. Occurs |
| 5. Tattle | 15. Tureen |
| 6. Bottom | 16. Flabby |
| 7. Beggar | 17. Mellow |
| 8. Pallid | 18. Wooing |
| 9. Corral | 19. Summit |
| 10. Shoppe | 20. Coffin |

29 Link Acrostic

1	M	A	C	A	W	F	U	L	C	E	R
2	E	T	H	E	L	O	P	E	O	N	Y
3	W	R	I	S	T	R	A	W	O	K	E
4	A	N	N	E	X	T	R	A	K	E	D
5	O	M	E	G	A	U	D	Y	I	N	G
6	P	A	S	T	E	N	T	H	E	F	T
7	F	L	E	S	H	E	A	R	S	O	N

25 Marching Bands

P	R	O	V	E	N	C	A	L	O	R	I	E
E	Q	U	A	L	M	O	C	C	A	S	I	N
G	R	O	V	E	R	C	A	M	E	L	O	T
D	E	A	C	O	N	S	U	L	T	A	N	A
I	N	T	E	G	E	R	M	I	S	S	A	L
R	I	O	T	S	C	O	N	C	E	A	L	S
B	O	G	A	R	T	T	I	N	G	L	E	
S	C	O	R	E	S	A	R	D	O	N	Y	X
R	E	B	E	L	L	I	T	E	R	A	T	I
O	C	E	L	O	T	S	A	T	I	R	E	S
T	I	M	I	D	R	E	T	I	C	E	N	T
C	R	O	C	I	L	E	V	I	T	A	T	E
E	R	R	E	D	N	O	B	L	E	M	A	N

26 Vintage Humor

The completed joke is: "The price of a good wine is strictly between the buyer and the cellar."

W	L	A	M	B	R	U	S	C	O	C	H	B	E	N	C	N	A	L	B	N	I	N	E	H	C	M	E	N	
D	R	I	N	A	K	T	H	E	M	H	L	N	O	N	I	L	O	N	G	I	R	G	X	T	A	H	E	C	Y
A	R	E	R	I	D	C	H	B	O	A	Y	E	R	A	S	C	A	T	I	A	N	R	U	T	M	D	S	H	U
C	C	H	E	I	S	E	A	S	N	B	S	O	N	F	N	U	L	A	N	S	I	D	A	W	O	I	N	A	L
A	J	C	W	S	T	R	I	C	T	L	Y	S	N	O	L	O	R	A	B	E	T	W	E	E	N	U	I	R	T
S	O	L	A	I	S	N	D	R	R	I	L	N	D	U	N	A	L	R	S	E	B	E	D	V	T	A	H	D	R
A	H	I	P	A	P	E	A	Y	A	S	V	A	N	D	G	G	H	L	E	A	L	P	R	A	I	S	M	O	E
E	A	M	C	L	N	T	H	I	C	E	A	I	R	F	R	R	I	T	E	N	O	O	L	T	E	N	N		
S	N	U	D	O	B	I	S	O	H	U	N	I	C	K	M	N	U	V	L	M	E	Y	B	S	L	I	U	N	I
S	N	A	I	J	S	E	T	H	E	C	E	B	R	C	G	U	I	B	U	E	R	A	L	A	S	R	A	M	
I	I	R	N	U	A	G	R	T	E	M	R	E	O	A	O	B	S	E	A	K	S	A	E	D	P	S	Y	A	
U	S	F	R	A	U	O	F	N	E	U	C	H	A	T	E	L	W	C	I	K	S	N	E	L	O	U	A	S	R
F	B	B	O	E	T	T	H	A	K	B	O	T	I	N	E	M	D	Y	A	O	A	T	Y	E	C	M	U	W	T
Y	E	E	E	B	E	D	T	C	M	A	M	M	G	Y	M	I	D	R	T	N	D	E	O	A	A	L	N	Z	
L	R	I	D	S	R	Y	O	A	Y	S	S	A	R	O	M	E	V	T	U	R	E	H	L	N	I	N	T	N	R
L	G	L	G	A	N	D	A	C	L	E	P	T	H	E	V	O	V	R	O	C	E	L	L	A	R	T	E	R	U
I	E	F	M	R	E	O	M	M	T	M	H	E	E	C	V	A	N	C	O	I	K	H	E	F	E	E	N	T	W
U	R	M	C	M	S	O	M	E	A	D	Y	P	L	L	A	Y	T	H	E	K	N	I	S	N	G	H	B	T	E
O	O	S	B	Y	A	R	I	H	S	G	T	O	P	H	E	A	P	I	N	O	T	N	O	I	R	N	E	A	G
P	I	T	S	I	R	H	C	A	M	Y	R	H	C	A	L	R	S	E	D	I	T	H	M	Z	R	U	D	Y	C

Pop Quiz Cover

The burst balloon was blue. If the balloons are grouped in threes according to which streamer crosses them, a pattern emerges: Within each group of three, the color of the middle balloon is a combination of the colors of the two end balloons. For example, since red and yellow pigments combine to make orange, an orange balloon is found between a red and a yellow balloon. Since red must be mixed with blue to produce purple, the missing balloon must have been blue to be consistent with the pattern.

31 His and Hers

S	P	O	R	T	C	O	S	T	U	M	E	R	B	E	T	T	E									
S	E	A	V	E	R	E	N	T	A	N	G	L	E	E	T	H	E	L								
C	A	L	I	F	O	R	N	I	A	G	I	R	L	S	T	E	E	N	S							
A	M	A	D	T	E	T	O	N	S	I	T	B	E	G	O	I										
R	I	D				W	I	N	D	C	O	P	S	E	D	I	R	E								
E	L	I	S			R	I	M	S	B	A	R	S	S	E	E	R									
D	E	N	A	T	U	R	E			L	O	D	G	E		S	T	E	L	L	A					
						G	O	N	E		H	A	Y	E	S		A	R	I	A	S					
C	A	T	G	U	T					W	O	R	S	T		P	R	O	T	E	S	T				
O	C	H	E	R						R	A	N	G	E		L	E	A	D	S		M	E	A		
A	C	E	D			G	O	L	D	E	N	G	I	R	L	S		P	I	R	I					
T	U	B				V	O	D	K	A		B	R	O	K	E		B	A	N	A	L				
I	S	O	L	A	T	E	S			B	E	A	N	Y		P	A	N	E	L	S					
N	E	W	E	L						N	E	R	D	S		T	O	L	D							
G	R	E	W	U	P					D	E	R	R	Y		S	Y	L	L	A	B	U	S			
						R	E	E	L		F	E	E	R		D	U	P	E		S	A	S	E		
C	A	Y	S			O	H	A	R	A		R	A	C	E		T	H	E							
B	U	B				S	T	A	T			M	E	S	C	A	L		I	C	E	D				
S	T	O	L	E						W	H	E	R	E	T	H	E	B	O	Y	S	A	R	E		
T	R	Y	I	T						N	I	C	E	T	I	E	S		S	I	L	V	E	R		
V	E	S	T	S						S	N	O	O	Z	E	R	S		S	P	E	E	D			

34 Star Hopping

Leave circle 5 empty. Then follow these moves:

1. Jump 7 to 5.
2. Jump 4 to 6.
3. Jump 2 to 5 to 7.
4. Jump 15 to 5.
5. Jump 13 to 11.
6. Jump 10 to 12.
7. Jump 1 to 11 to 13 to 6.
8. Jump 7 to 5.
9. Jump 16 to 11 to 4 to 6.

Other solutions are possible in nine moves; all start with one of the four central circles empty.

EUREKA

Eureka is dedicated to those venturesome spirits who, never settling for a ready answer, have fought their way to a better, more elegant, or more complete solution than one previously given in the Answer Drawer.

★ **In Unknown Territory** (November, page 56). Jimi Hendrix, Tyrannosaurus Rex, and a jukebox were just three of the ingredients in this collage made up of images ending in the letter X. A few readers noted that the Rolodex is also an *index*, and that the ballet dancers were wearing *spandex*, but Mary Blizman, of Wilkes-Barre, PA, exposed an extra example: the Grand Prix car between the two dancers (*pas de deux*) bears the number 36.

★ **Cat and Mouse Game** (Wild Cards, November, page 66). The challenge was to substitute numerals for the letters and asterisks in this multiplication problem:

$$\begin{array}{r}
 \text{C A T S} \\
 \times \text{E A T} \\
 \hline
 * * * * * \\
 * * * * * \\
 * * * * * \\
 \hline
 * \text{M O U S E S}
 \end{array}$$

Gordon L. Kraus, of Norwich, NY, discovered that our answer (below left) was not unique; the puzzle could also be solved with the configuration of digits shown here to the right of our solution:

3462	3470
546	947
20772	24290
13848	13880
17310	31230
1890252	3286090

COMING

DISTRACTIONS

FEBRUARY

Scavenger Hunt Contest Does that fuzzy pink giraffe on the cover give you a feeling of déjà vu? It's just one of the images you need to find in the issue's pages in this through-the-magazine scavenger hunt.

Downhill Mazer Rack up points on the ski slopes without leaving the comfort of the lodge in an Inner Skiing exercise for Mappit fans.

John Hancock III The Signature Identification Quiz returns with a new batch of chicken-scratches for you to decipher, all penned by U.S. Presidents.

Plus The Taxidermist's Apprentice, a Quilt matching puzzle, The Harper's Index Quiz, Logic, more puzzles from Eastern Europe, a Word Search Soccer Game, and the long-awaited Return of Wacky Wordies.

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January 10**

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per cigarette, FTC Report Feb '85

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Here's to the younger brother
who never teases you about
your receding hairline.

Here's to the neighbor who always keeps
his Doberman Pinscher on its leash.



Here's to the secretary who never
lets you forget your meetings. Your
briefcase. Or your sense of humor.



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